UK STUDENTS FOR THE EXPLORATION AND DEVELOPMENT OF SPACE

England & Wales · Charity number 1182239

Details

Other names	UKSEDS
Status	Registered
Legal form	CIO
Registered	2019-02-27
Register	View on the Charity Commission register

Contact

Address	Ukseds 27-29 South Lambeth Road London SW8 1SZ
Phone	020 7735 3160
Email	enquiries@ukseds.org
Website	www.ukseds.org

Activities

Objects: 1. THE ADVANCEMENT OF EDUCATION FOR THE PUBLIC BENEFIT, IN PARTICULAR BUT NOT EXCLUSIVELY IN RELATION TO SPACE AND PLANETARY SCIENCE, ASTRONOMY AND TECHNOLOGY AND THEIR SIGNIFICANCE TO LIFE ON EARTH BY:A) MAKING A FORUM FOR THE COMMUNICATION AND EXCHANGE OF IDEAS BETWEEN STUDENTS, EDUCATIONAL ESTABLISHMENTS, INDUSTRY AND THE GENERAL PUBLIC.B) INFORMING THE GENERAL PUBLIC ON THE EXPLORATION AND DEVELOPMENT OF SPACE AND ITS IMPORTANCE TO LIFE ON EARTH;2. TO ACT AS A RESOURCE FOR YOUNG PEOPLE IN THE UK WITH AN ACTIVE INTEREST IN SPACE AND SPACE RELATED SUBJECTS BY PROVIDING ADVICE AND ASSISTANCE TO IMPROVE THEIR KNOWLEDGE BASE, SKILLSETS AND HANDS-ON EXPERIENCE LEVELS AS A MEANS OF:A) ADVANCING IN LIFE AND HELPING YOUNG PEOPLE BY DEVELOPING THEIR SKILLS, CAPACITIES AND CAPABILITIES TO ENABLE THEM TO PARTICIPATE IN SOCIETY AS INDEPENDENT, MATURE AND RESPONSIBLE INDIVIDUALS;B) ADVANCING EDUCATION;C) RELIEVING UNEMPLOYMENT AND RAISING AWARENESS OF POSSIBLE CAREER OPPORTUNITIES.

Activities: UK Students for the Exploration and Development of Space (UKSEDS) is the UK's national student and early professional space charity - part of the international SEDS movement - supporting space

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enthusiasts across the country by running space projects, competitions, workshops, events, conferences, and more to inspire and educate.

Classification

- **How:** Makes Grants To Individuals, Makes Grants To Organisations, Provides Services, Provides Advocacy/advice/information, Acts As An Umbrella Or Resource Body
- **What:** General Charitable Purposes, Education/training
- **Who:** Children/young People, Other Defined Groups, The General Public/mankind

Geography

- Scotland
- Throughout England And Wales

Finances

Period end	Income	Expenditure	Assets	Employees
2025-03-30	£91,843	£103,498	-	-
2024-03-30	£82,639	£55,129	-	-
2023-03-30	£41,904	£72,921	-	-
2022-03-30	£49,598	£24,905	-	-
2020-11-30	£36,061	£1,608	-	-

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Trustees

Name	Role	Appointed
Anna Kalapurakkal	Chair	2024-03-03
Anjali Santhakumar		2025-03-23
Derek Harris		2025-03-23
Divyam Aneja		2025-03-23
Elizabeth Anne Jackson		2025-03-23
Jacob Geer		2023-03-05
Katherine Courtney		2023-03-05
Matjaz Vidmar		2020-03-08
Neha Susan Biju		2025-03-23
Nicholas Peter Shave MBA FRAeS		2021-03-07
Samhita Manukonda		2025-03-23
Suliman Saifullah		2025-03-23

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UK STUDENTS FOR THE EXPLORATION AND DEVELOPMENT OF SPACE

England & Wales - Charity number 1182239

Accounts

UKSEDS

UK STUDENTS FOR THE EXPLORATION AND DEVELOPMENT OF SPACE

ANNUAL REPORT

2025 – 2026

UK Students for the Exploration and Development of Space

UKSEDS

27-29 SOUTH LAMBETH ROAD, LONDON, SW8 1SZ

The charity is constituted as a Charitable Incorporated Organisation, registered on 27 February 2019.

Registered Charity Number: 1182239

OBJECTS OF THE CHARITY

Our mission is to connect students and recent graduates with the space sector, in the UK. We run space projects, host conferences, competitions, workshops, and careers events, and do outreach all over the country. Our vision is of a thriving UK space sector in which a wide range of space careers are viable for a wide range of people.

Education

We provide students with opportunities to develop their skills and experience, and also to learn more about the sector.

Advocacy

We represent the role of students and young people within the space sector, to enable them to have their voices be heard.

Outreach

We support events across the UK to promote understanding of space and its importance to life on Earth.

STATEMENT OF PUBLIC BENEFIT

The trustees have ensured that the Charity Commission's guidance on public benefit was duly considered when planning and carrying out the charity's activities.

COMMENT ON RESERVES

The charity holds reserves in line with guidance issued by the Charity Commission. The trustees have adopted a reserves policy designed to maintain financial stability, support ongoing operations, and enable future activities. These reserves are retained to manage unforeseen costs, reduce financial risk, and safeguard the continued delivery of the charity's services and programmes.

Foreword From The Chair

UKSEDS is the UK's national student and early professional space charity, founded in 1988. As a registered charity with 4,600+ current members, 40+ university branches, and 20,000+ followers across social media platforms, we provide a nationwide platform for skills development, networking, and career advancement in the space sector. Across multiple teams consisting of student and early-career volunteers, we deliver national and regional events and projects, including conferences, skills workshops, outreach programs, five annual national competitions spanning rocketry, rovers, satellites and ISAM, and more. Through these initiatives, UKSEDS works to inspire, upskill and enable the next generation of space professionals.

An investment in UKSEDS is an investment in the UK's future space workforce. Your generous support is what allows us to do what we do - making space more accessible to 1000s nationwide and contributing to the growth of the industry.

We look forward to having you join us on our mission.

Anna Kalapurakkal
UKSEDS Chair

UKSEDS TEAM

We are a registered charity, no. **1182239**.

Our Trustees and Executive Committee are elected by the Membership in accordance with our Constitution, and plan our activities with regard to the Charity Commission's guidance on public benefit, our Objects, and our long term strategy.

Executive Committee

***Anna Kalapurakkal**, Chair*
***Samhita Manukonda**, Vice-Chair*
***Anjali Santhakumar**, Treasurer*
***Neha Susan Biju**, Secretary*
***Suliman Saifullah**, At-Large*
***Divyam Aneja**, At-Large*

External Trustees

Elizabeth Jackson, Head of Space, Science Museum Group
Derek Harris, Director of Business Development and Communications, Skyrora
Matjaz Viadmar, Lecturer in Engineering Management, University of Edinburgh
Nick Shave, Managing Director, Astroscale UK
Jacob Geer, Managing Director, Orbit Fab
Katherine Courtney, Chair, Global Network on Sustainability in Space (GNOSIS)

We would like to extend the biggest thank you to all of our incredible volunteers for their immense efforts and hard work this year. Your passion and dedication towards the space industry, and towards helping other space enthusiasts despite all of your other commitments keeping you extremely busy, is what makes UKSEDS what it is today.

TRUSTEES

Trustees who served during the financial year and up to the date of signing were:

Anna Kalapurakkal - (appointed 3/3/2024)
Samhita Manukonda - (appointed 23/03/2025)
Anjali Santhakumar - (appointed 23/03/2025)
Neha Susan Biju - (appointed 23/03/2025)
Divyam Aneja - (appointed 23/03/2025)
Suliman Saifullah - (appointed 23/03/2025)

Matjaz Vidmar - (appointed 8/3/2020)
Nicholas Peter Shave - (appointed 7/3/2021)
Katherine Courtney - (appointed 05/03/2025)
Jacob Geer - (appointed 05/03/2023)
Elizabeth Anne Jackson - (appointed 23/03/2025)
Derek Harris - (appointed 23/03/2025)

Raniah Ahmed - (resigned 23/03/25)
Divyanshi Gupta - (resigned 23/03/25)
Tanjin Huda - (resigned 23/03/25)
Mohamed Ali - (resigned 23/03/25)
Lamyea Ahmed - (resigned 23/03/25)

CONFERENCES & EVENTS

National Student Space Conference (NSSC)

NSSC is UKSEDS' flagship annual event, and the UK's largest event for students and early-career professionals in space. It brings together students, early-career professionals, academics, industry leaders, and government to share knowledge of space, explore developments, inform on careers and pathways, develop skills, and more.

Diversity in Space Careers (DiSC)

DiSC is dedicated to promoting diversity and advocacy in the UK space sector. The conference works to make space more inclusive by tackling barriers faced by underrepresented groups.

Entrepreneurship Programme

A targeted initiative for students and early professionals that delivers entrepreneurship training, networking opportunities, and a case competition designed specifically for the space sector.

Regional Events

A series of events ran in the UKSEDS regions to foster inter-branch collaboration and provide branches with the resources to host their own events.

Space Debates

An event where the audience is divided into two teams and debates on a statement about space. The session encourages critical thinking, teamwork, and an exchange of ideas about key issues in the future of space exploration.

Skills Workshops

Workshops and training sessions are hosted in collaboration with different industry partners to promote skills development.

Events and Outreach

The Events and Outreach Team advanced work on Space Debates and the Space Symposium in preparation for upcoming events, alongside increased activity on outreach-focused social media through content development and planning. Satellite Workshops moved into early-stage preparation, with delivery planning beginning ahead of future rollout.

Careers and Skills Development

Careers and Skills Development delivered a five-part online AI/ML workshop series and a single iteration of the Space Entrepreneurship Programme in Edinburgh, delivered over two days with over 40 participants and six speakers. Following this delivery, the team began planning the next phase of activity, including the development of additional skills workshops, and early discussions around potential training topics.

Marketing

The Marketing Team leads UKSEDS' communications across all external channels, including social media and the monthly Ecliptic newsletter. With 20,000+ subscribers across all platforms, the team promotes UKSEDS events, competitions, and projects, while also sharing wider opportunities such as internships, industry initiatives, and developments across the space sector, with the aim of strengthening UKSEDS' visibility and engagement within the student and professional space community.

Systems

The Systems Team maintains the functionality of UKSEDS' team workflows and supports volunteers and members by resolving system-related queries. We develop, refine, and manage UKSEDS' internal digital tools to ensure they remain reliable, scalable, and fit for purpose. In addition, the Systems Team keeps UKSEDS competitive within the evolving digital landscape by researching, testing, and integrating modern solutions, including AI-enabled tools, that streamline workflows, enhance collaboration, and future-proof our operations.

Membership

The Membership team's general approach is to maintain UKSEDS' relationship with branches all over the UK and to play a pivotal role in the long-term development and support of the student space community. It achieves this via branch engagement through our monthly newsletters and an approach towards inter-branch collaboration and outreach via our regional events series.

Current Membership Statistics:

5855	87	83
MEMBERS	VOLUNTEERS	BRANCHES

Diversity and Advocacy

The team successfully closed the Pride Patch competition with strong community engagement and delivered DiSC, including programme coordination, speaker engagement, and both in-person and online delivery. Following DiSC, the team progressed post-event work including survey analysis, event round-ups, distribution of recordings and photography, and preparation of a survey-based paper for NSSC. Further activity included planning content for South Asian Heritage Month, anf for Disability History Month.

Operations

The Operations Team supports the day-to-day running of UKSEDS and works across the organisation to ensure effective coordination between all teams. The Communications Officer manages UKSEDS' internal and external communications, the Partnerships Officer leads engagement with sponsors and external partners, and the Recruitment Lead oversees volunteer recruitment and onboarding processes. The volunteers report directly to the Executive Committee, reflecting their cross-organisational responsibilities and their role in supporting all UKSEDS teams.

Competitions

Olympus Rover Trials (ORT)

ORT challenges participants to perform trade-off analysis, design a rover, and present their work to space sector engineers through a demanding review process.

National Rocketry Championship (NRC)

NRC is a competition for participants to design, build and launch their own mid power rocket with a payload.

Satellite Design Competition (SDC)

SDC is a competition for participants to Design-Build-Test (DBT) their own CubeSat with specific payload systems and objectives.

In-Orbit Servicing, Assembly & Manufacturing (ISAM)

ISAM is a competition for participants to design their own space missions related to ISAM, and justify their proposals from both business and engineering perspectives to compete for a hypothetical mission investment.

FINANCES

During the year, UKSEDS maintained a strong and stable financial position, with income exceeding expenditure and a healthy year-end surplus. This positive outcome reflects careful financial management and a continued focus on long-term sustainability. A key contributor to this stability was grant funding, including support from the UK Space Agency (UKSA) for the delivery of the National Student Space Conference (NSSC), alongside additional funding received through sponsorship from companies. These funds were essential in enabling UKSEDS to deliver core activities while protecting the organisation's overall financial health. We continued the approach of corporate-level sponsorships alongside traditional event- and activity-based funding, enabling us to better support essential but less visible areas of the organisation, such as ongoing operations, administrative costs, and the expansion of our activities, while continuing to deliver flagship activities including competitions and NSSC. Together, UKSEDS' financial resilience has continued to grow, and we are in a position to plan for the long-term. The charity can confidently continue supporting students and early-career professionals and delivering meaningful opportunities across the UK space sector in the year ahead.

	31 March 2024 - 30 March 2025 Accounts
Starting Balance	***£57,072.36***
Income	***£91,842.53***
Of which restricted	***£39,550.00***
Expenses	***-£103,497.63***
Of which restricted	***-£43,981.43***
Closing Balance	***£45,417.26***

Restricted funds at 30/03/2025
UKSA - Launch programme rocketry: £29,550.00

The charity is constituted as a Charitable Incorporated Organisation, registered on **27 February 2019**.
Charity's Full Name: UK Students for the Exploration and Development of Space
Other Names Used: UKSEDS
Principal Address: UKSEDS, 27-29 SOUTH LAMBETH ROAD, LONDON, SW8 1SZ.

These accounts were approved on behalf of the UKSEDS board on the 24th January 2026 by Anjali Santhakumar, Treasurer for 2025/26 (executive trustee).

Anjali Santhakumar

CHARITY COMMISSION FOR ENGLAND AND WALES

Independent examiner's report on the accounts

Section A Independent Examiner's Report

Report to the trustees/ members of	Charity Name UK Society for the Exploration and Development of Space		
On accounts for the year ended	Year ended 30 March 2025	**Charity no (if any)**	1182239
Set out on pages	1-12		

I report to the trustees on my examination of the accounts of the above charity ("the Trust") for the year ended **30/3/25**.

Responsibilities and basis of report

As the charity trustees of the Trust, you are responsible for the preparation of the accounts in accordance with the requirements of the Charities Act 2011 ("the Act").

I report in respect of my examination of the Trust's accounts carried out under section 145 of the 2011 Act and in carrying out my examination, I have followed the applicable Directions given by the Charity Commission under section 145(5)(b) of the Act.

Independent examiner's statement

I have completed my examination. I confirm that no material matters have come to my attention in connection with the examination which gives me cause to believe that in, any material respect:

- accounting records were not kept in accordance with section 130 of the Act or
- the accounts do not accord with the accounting records

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in order to enable a proper understanding of the accounts to be reached.

Signed:	FJ Wilde	**Date:**	26/01/2026
Name:	FJ Wilde		
Relevant professional qualification(s) or body (if any):	FCCA DChA		
Address:	4 Marigold Drive Bisley Surrey GU24 9SF		

UKSEDS is primarily supported by the UK Space Agency, from which it received two grants that formed the core of its funding during the period. This support is complemented by the generous contributions of our corporate sponsors, whose backing further enabled the delivery of our activities and programmes.

Thousands of students.

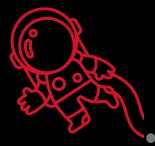
Dozens of universities.

One vision.

WE ARE UKSEDS

Events & Competitions

Resources & Networking



Jobs & Opportunities

ukseds.org

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UK STUDENTS FOR THE EXPLORATION AND DEVELOPMENT OF SPACE

England & Wales - Charity number 1182239

Accounts

UK STUDENTS FOR THE EXPLORATION AND DEVELOPMENT OF SPACE

ANNUAL REPORT

2023 - 2024

Chair: Holly Whitehouse
Prepared by: Anna Kalapurakkal, Yash Kumar, Tanjin Huda and Holly Whitehouse

Thousands of students.

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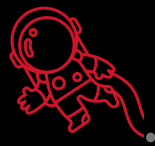

Jobs & Opportunities

ukseds.org

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UKSEDS TEAM

We are a registered charity, no. 1182239.

Our charitable objects are to advance education for the public benefit, by providing a forum for the communication and exchange of ideas between students, educational establishments, industry, and the general public; and to act as a resource for young people in the UK with an active interest in space by providing advice and assistance to improve their knowledge base, skillsets, and hands-on experience.

Our Trustees and Executive Committee are elected by the Membership in accordance with our Constitution, and plan our activities with regard to the Charity Commission's guidance on public benefit, our Objects, and our long term strategy.

Executive Committee (05/03/2023-03/03/2024)

Holly Whitehouse
Chair

Isaac Caletrío
Vice-Chair

Yash Kumar
Treasurer

Raniah Ahmed
Secetary

Divyanshi Gupta
At-Large

Ahlam Abdi
At-Large

Executive Committee (03/03/2024-02/03/2025)

- Raniah Ahmed (Chair)
- Divyanshi Gupta (Vice-Chair)
- Tanjin Huda (Treasurer)
- Mohamed Ali (Secretary)
- Lamyea Ahmed (At-Large)
- Anna Kalapurakkal (At-Large)

External Trustees

- Andrew Bacon, Co-Founder and Chief Designer, Space Forge
- Jeremy Ambrose, Startup Partnerships Manager, Zendesk
- Matjaz Viadmar, Lecturer in Engineering Management, University of Edinburgh
- Nick Shave, Managing Director, Astroscale UK & Europe
- Jacob Geer, Chief of Staff, UK Space Agency
- Katherine Courtney, Chair, Global Network on Sustainability in Space (GNOSIS)

Management Team (2023/2024)

Anna Kalapurakkal
External Communications & Operations Manager

Nick McKenna
Internal Communications & Operations Manager

Michelle Chimwanda
Project Facilitation Manager

Lauren Young
Volunteer Welfare & Development Representative

Team Leads (2023/2024)

- Erikas Kymantas (Events & Outreach)
- Tanjin Huda (Competitions)
- Diversity & Advocacy (Hiring now!)
- Sanmukh Khadtare (Membership)
- Srinidhi Dantu (Marketing)
- Rafal Zacher (Systems)

Volunteers (2023/2024)

- Aamir Sarpal
- Aarini Devasar
- Adi Dhillon
- Ahlam Abdi
- Ali Haider
- Amelia Pua
- Anna Kalapurakkal
- Avanthika Gayatriravi
- Ayham Alhag
- Beth Westoby
- David Reid
- David Sulley
- Divyanshi Gupta
- Eoin Samuels
- Erikas Kymantas
- Eva Haidar
- Fiyinfoluwa Owolabi
- Geethanjali Gopinath
- Georgia Casburn
- Holly Whitehouse
- Isaac Caletrío
- Isabel Kerr
- Jacob Sims
- James Hollingdale
- Joel Cabrera
- Josh Finn
- Kaleb Mead
- Kariavi Pandit
- Lamyea Ahmed
- Lauren Lewis
- Lauren Young
- Lee Ellis
- Leo Turner
- Louise Weightman
- Maria Olender
- Maryam Latief
- Matt Godfrey
- Mel Brooks
- Michael Senior
- Michelle Chimwanda
- Mohammed Ali
- Mohammed Deera
- Mya White
- Nicholas McKenna
- Oliver Lee
- Petras Verseckas
- Rachel Diamond
- Rafal Zacher
- Raniah Ahmed
- Robert MacLeod
- Samhita Manukoda
- Sanmukh Khadtare
- Sara Lai
- Seb Ruvinsky
- Shreenidhi Srinath
- Shresth Shrivastava
- Simran Dhanraj
- Srinidhi Dantu
- Sushmita Ramanujam
- Talha Baig
- Tanjin Huda
- Toby Simpson
- Tom Snelling
- Vanshika Gupta
- Vishalya Kontham
- Yannis Papaioannou
- Yash Kumar
- Yoga Barrathwaj Raman Mohan

We would like to extend the biggest thank you to all of our incredible volunteers for their immense efforts and hard work this year. Your passion and dedication towards the space industry, and towards helping other space enthusiasts despite all of your other commitments keeping you extremely busy, is what makes UKSEDS what it is today.

EVENTS AND OUTREACH

Team Lead: Erikas Kymantas
Vice Team Lead: Aarini Devasar

Events Manager: Yoga Barrathwaj Raman Mohan
Events Coordinators: Anna Kalapurakkal, Maryam Latief
Outreach Coordinators: Eoin Samuels, Fiyinfoluwa Owolabi

This year has seen a key evolution in the structure of the Events Team and Outreach Team, with both teams merging for increased efficiency in their operations, combining both of their resources and expertise. The majority of the year has been dedicated to rebuilding and restructuring the team, where new members have contributed to the overall growth of the team. Events activities focused on aiding other UKSEDS teams in the planning and organisation of their events, such as the Membership Team's Cluster Events, and the Diversity and Advocacy Team's Diversity in Space Careers conference (DiSC). Outreach activities focused on engaging with children in schools and the general public, with the goal of increasing space knowledge amongst them, providing inspiration, and making space more accessible.

One of the key achievements this year has been the initial design of the UKSEDS Satellite Workshop for schools across the country. This initiative has seen extensive knowledge and unique concepts come together to form what will be an exceedingly valuable project for children across all age groups in the UK. The team hope to inspire the next generation of space enthusiasts through this interactive satellite workshop. Teaching them about a piece of technology that plays vital roles across our everyday lives, and lies at the centre of many ground-breaking discoveries and advancements, is the perfect way to introduce them to the wonders and possibilities of space.

The upcoming year will be a busy one for the team with the launch of the UKSEDS Satellite Workshop, as well as helping in the organisation and operation of the Cluster Events and DiSC. The team will also be working on a project to engage sixth-form and college-age students, directed towards university and career perspectives. Key focuses will also be to consolidate and standardise the UKSEDS approach to events and outreach activities, increase collaboration with other UKSEDS teams and branches, and re-evaluate what the team can offer across the wider space community.

COMPETITIONS

Team Lead: Tanjin Huda
Vice Team Lead: David Reid

The 2023/24 season was the biggest yet for the UKSEDS competition teams, marked by several notable developments. We have seen a significant increase in interest and participation, with a record number of teams registering to take part in each competition. With a new IOSM team, a UKSEDS Mach volunteers team, a new ORT stream, a new rocketry development program, as well as new faces in management, the team are heading for their strongest year yet.

Additionally, competitions attracted new and returning industry sponsors, bringing resources, expertise, and opportunities for participants, helping them to build connections with potential employers. Learning opportunities through our newly established training programs have been introduced to enhance the value proposition of the competitions, providing participants with valuable skills and experiences. Combined with new challenges, this pushes participants to ever greater heights. Furthermore, the competitions have attracted new volunteers, providing fresh ideas and perspectives, improving the management, execution, and impact of each competition. The continuing successes of the UKSEDS competition teams are entirely attributed to the hard work and dedication of all volunteers.

At UKSEDS, we currently run 5 competitions, on rover design, satellite design, in-orbit servicing and manufacturing, and both mid-powered and high-powered rocketry. Each year, our competitions launch in October. Although the requirements for each competition differ, they all aim to emulate industry practice, providing rules and requirements to underpin research, design, and build activities. Each competition concludes with students presenting their work at in-person competition events in the summer.

Competing teams are given industry mentors, who support the development of their designs and provide insight and advice about working in the space industry. We also offer opportunities for training in skills valuable to industry: project management, systems engineering, and microcontroller programming, as well as the chance to undertake outreach activities.

Our competitions aim to provide students with the key technical and soft skills for a career in space, as well as a direct connection to the industry through the support of advisors, sponsors, and supporters, including Airbus, Inmarsat, Skyrora, RAL Space, and more.

UKSEDS COMPETITIONS

Scan or Click.

Olympus Rover Trials (ORT)

"Over the last few years the ORT competition has gone from strength to strength, this year doubling the number of people able to bring their rovers to compete on the final day. We cannot wait to continue building on this competition and bring more value to students throughout the UK." - Josh Finn

Team Lead: Josh Finn

Aamir Sarpal, Geethanjali Gopinath, Jacob Sims, Oliver Lee, Talha Baig

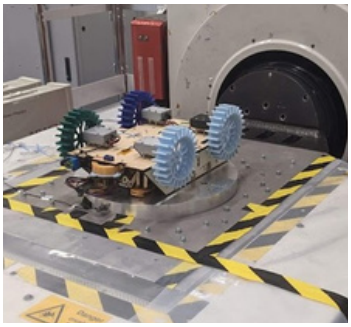
Due to the success of the Olympus Rover Trials competition over the past few years, this year the competition has been upgraded to have 2 streams: the basic stream and the advanced stream. The briefs for each stream vary from one another, though the basic rules are similar. ORT continues to be sponsored by Airbus and RAL Space, mainly through provision of competition venues, Mars yards, and vibration test beds. In both streams, the rover is not to exceed a mass of 5 kg, and teams all have 30 minutes to execute their missions. Their entries are subjected to vibrational loads simulating launch in each streams the 2nd day.

In the basic stream, taking place wholly onsite at RAL Space, teams are tasked with performing a vital cargo operations mission: collecting and transporting cargo following delivery from orbit by a Large Logistics Lander (L3) to sites within 5 km of the Logistics Depot. Other responsibilities include returning spent or produced cargo from these sites back to the depot for repair, reuse, or delivery back to orbit.

The advanced stream takes place at Airbus Defence and Space, with teams being tasked with delivering a rover with a drill-type arm component to perform scientific operations. The objective is to get the 'drill tip' as close to the centre of sampling location as possible, demonstrating the rovers' capabilities of precise control of the robotic arm even in suboptimal lighting conditions.

After an extremely successful Mars Yard test, and despite losing a few bolts in vibration testing, our overall winners last year were Bath Team Roving. A special mention to Team Kings (KCL) for winning Best Autonomy, RACE Rover (UKAEA) for winning Best Innovation, and CranSEDS for having the Best CDR.

This year was once again recording-breaking with over 35 teams entering the competition. With 15 of them making it past the PDR phase, we are excited to see so many high quality entries and look forward to our competition weekends in the summer.



National Rocketry Championship (NRC)

"I'm really excited for this year's competition. With it being our 10th year and over 50 participating teams, its gearing up to be our best yet. Moreover, I'm delighted that we are having our first ever in-person launch day in June which would not be possible without the generous support of Skyrora and the United Kingdom Rocketry Association. I cannot wait for a summer packed full of fun!" - Tom Snelling

Team Lead: Tom Snelling

Lamyea Ahmed (Vice Team Lead), Mohammed Ali, Yannis Papaioannou

The National Rocketry Championship is in its 10th year in the current format, making it our oldest competition. It has grown significantly over the years, with a record number of 48 teams of up to 15 students applying to enter last year. This year, we have increased that number again to over 50 teams registering at the start of the competition in October.

The aims of the competition are to challenge students to perform complex engineering tasks, provide them with hands-on experience, allow them to develop new technical skills, and give them some insight into propulsion as a potential career.

The mission of the competition this year is for students to design and build a mid-power rocket using a 2-grain 29 mm Cesaroni or Aerotech motor and achieve a target altitude of 1500 ft, carrying a minimum payload of 200 g. The competition consists of 2 phases: design and launch. In the design phase, the teams research and then write a report (DBR) that justifies their design choices and demonstrates that their rocket is safe to fly.

In the launch phase, students build and launch their rocket. In the past, this has been at any of the amateur rocketry clubs across the country. This year, with thanks to our new silver sponsor Skyrora, we have our first in-person Launch Day at Midlands Rocketry Club in early June, where all the teams will launch on the same day. We are actively looking for more companies to join us for our sponsors exhibition. The United Kingdom Rocketry Association continues to support NRC, acting in an advisory role on the safety and legal side of the teams' designs. Following the success of last year, the mentor system has also been continued for this 23/24 cycle.

Thank you to Progressive Technology and the United Kingdom Rocketry Association for their support last year as well, and a massive congratulations to last year's winners, UCL Rocket (right). Good luck to all of our teams for their forthcoming DBRs and eventual launches!

Satellite Design Competition (SDC)

"I find immense joy witnessing the competing teams unite on the final competition day, their culmination of efforts evident in the quality of CubeSats that we see. It's a testament to their innovation, teamwork, and unwavering commitment. It blows me away each year and I expect this year will be much the same!" - Lee Shauffer-Ellis

Team Lead: Lee Shauffer-Ellis

David Sulley, Joel Cabrera, Mohammed Deera, Tanjin Huda, Vishalya Kontham

Our 7th instalment of the Satellite Design Competition, sponsored by SSPI, AIRBUS, Oxford Space Systems, and Inmarsat, will be the 3rd year that the competition has held an in-person competition day. Each year, the competition places its focus on a topic that has growing relevance to the space industry and wider world. In this regard, we have therefore set this year's focus on wildfires and how CubeSats can be used as an early detection and warning system.

Teams are currently working hard developing their design for the Critical Design Review (CDR) Report, and will be looking to test their CubeSats during the final competition day in July to crown our winner of SDC 2024.

For the previous year's competition, the event was held for the first time at AIRBUS' facilities in Stevenage, where we had the biggest competition day to date. This involved 5 teams coming together to test their CubeSats in the mystery room challenge (below right). After rigorous testing, the team from the University of Surrey, Peryton (below left), were crowned the overall winners.

A special mention to the other teams: Team Condor (CranSEDS) who won Best CDR, INRoS from the University of Nottingham who won Best Presentation, and the team from DSTL who won Best Innovation. Designing a CubeSat is a huge challenge, but all teams acquitted themselves extremely well and managed to develop some fantastic CubeSats.

A big thank you to all of our sponsors last year, and good luck to all of our teams in the next phases of the competitions!

In-Orbit Servicing & Manufacturing Competition (IOSM)

"The breadth and creativity of ideas in tacking the next frontier of space challenges is staggering. I am looking forward to the exciting presentations and demonstrations by the students in our very own Dragons Den Competiton!" - Shresth Shrivastava

Team Lead: Shresth Shrivastava

Ali Haider

In-Orbit Servicing and Manufacturing (IOSM) is now in its 3rd year. The competition challenges interdisciplinary teams of 5-12 students to design and pitch a business in the emerging field of IOSM, with a focus on technical and commercial aspects such as space-based solar power, pharmaceuticals, active debris removal, and microgravity manufacturing. This year, the competition has attracted support from IOSM focused organisations: Astroscale, SpaceForge, Airbus, LMO, and ClearSpace.

The competition aims to give students exposure to various topics in the space industry and develop industry-relevant skills in mission design, engineering, business development, project management, and more. This year's competition will see teams compete in 3 challenges: familiarisation with IOSM and the market, a business proposal covering commercial and technical aspects, culminating with a pitch of their ideas in a Dragons' Den scenario. The competition provides a stepping stone into the IOSM field and a valuable experience for students' future aspirations.

The 2022/23 IOSM competition saw 4 teams from around the UK register, and eventually 3 teams develop and pitch IOSM businesses to industry experts, attracting students from various academic disciplines such as aerospace engineering, mathematics, and physics. The competition enjoyed high engagement from industry partners, allowing for a successful Dragons' Den event hosted at the Space Application Catapult's IOSM facility. CranSEDS won the competition, with the team from BristolSEDS coming in 2nd place. Thank you to our main partner last year, Satellite Applications Catapult, and our further supporters Astroscale, SpaceForge, D-Orbit, ClearSpace, LMO, UKSA, and Frazer Nash.

This year's competition saw a new volunteer team take over running the competition, and 5 teams from around the UK register to take part. We have 3 teams continuing to develop their business ideas, ahead of pitching later in the year. We wish them luck in their endeavours!

Mach-24 Launch Competition & Conference

"It is impressive to see the dedication and hard work that participants put into the Mach competition. Year by year, the designs build up on previous year's, enhancing the skills and creativity of the students. Looking forward to see the final work of this year's teams!" - Sara Lai

Team Lead: Sara Lai

James Hollingdale, Kaleb Mead, Robert MacLeod

We are partnering with Discover Space UK to organise the Mach-24 Launch Competition and Conference. The Mach-X competition is in its 4th year and is bigger than ever. The team running the competitions has expanded to include a handful of UKSEDS volunteers, alongside Exotopic and Machrihanish Airbase Community Company, with all of the competition sponsors also supporting.

Last year we had 14 teams register, with 11 launches, and we have nearly doubled this number for the coming competition, with 22 teams registering interest. Building on the success of last year, the competition has 3 entry categories: CanSat only, Combined Entry 1.5 km to 3 km, and a Rocketry Challenge category, encouraging innovation in design and complex payloads.

Held at Machrihanish Airbase in Scotland, the launch event taking place in July allows the teams to participate in hands-on space skills workshops and attend seminars on health and safety and launch regulations, while engaging in outreach activities that involve the local community and networking with members of the UK space industry. In 2023, the Spaceport was opened to 300+ members of the public who engaged with the competition participants and in space-themed family friendly activities.

A big congratulations to the Mach-23 Categories 2 and 3 winners, and the Outreach, Best PFR, and Most Original Design winners. A special mention to all of the participants of the Mach competitions for the immense work and effort they put into them.

Over 20 teams have submitted a Preliminary Design Review (PDR) for Mach-24, which are in the process of being marked. We wish all of the teams well for their builds and further reports, and look forward to seeing them all launch successfully in July.

DIVERSITY AND ADVOCACY

Team Lead: Mel Brooks (until February 2024)

Anjali Santhkumar, Eva Haidar, Joel Cabrera, Mel Brooks, Mya White

The current projects of the Diversity and Advocacy Team are all championing key areas that the team believe require increased focus in the way UKSEDS operates. These include Women in Space, Neurodiversity, and Accessible Technologies. The Women in Space project explores ways to increase awareness within student societies through a campaign to recruit more women into UKSEDS, as well as women-centric societies at universities. The second area of focus relates to making UKSEDS more accessible to neurodiverse individuals by having the necessary support and adjustments in place. Ensuring the availability of a separate quiet room at the National Student Space Conference (NSSC) this year is one of the ways in which the team have put this into action. A key initiative within the Accessible Technologies area is making captions a requisite at all UKSEDS presentations and panels. The team are also currently working on making text-to-speech options available for UKSEDS documents.

Diversity in Space Careers

Diversity in Space Careers (DiSC) is a one-day conference run by the team, championing equality, diversity, and inclusion in the space sector. The conference sees a wide range of academic and industry professionals within the sector conducting a series of talks and panel discussions, providing insight into their work, research, and experiences in overcoming personal barriers.

KING'S College LONDON

This year, DiSC will be returning on April 5th at Kings College London, hosted in collaboration with KCL Space. The team have a fantastic line-up of speakers and panellists, covering different topics within the team's key areas of focus. More details will be published on our social media platforms soon.

In the upcoming year, the team will be creating and establishing training across the board focusing on ways to increase awareness, better accommodate everyone, enhance accessibility, and be more inclusive as an organisation. A process will be established to certify volunteers, with the goal of making this certification a prerequisite for being an Accessibility Mentor within UKSEDS in the near future. As more objectives are achieved, more projects will be added for the continual development of the team's impact.

MEMBERSHIP

Team Lead: Sanmukh Khadtare
Vice Team Lead: Avanthika Gayatriravi

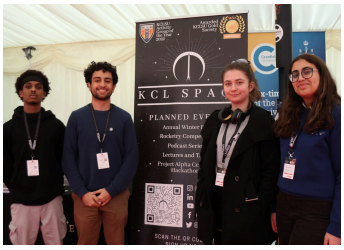
Regional Coordinators: Ayham Alhag, Isabel Kerr, Joel Cabrera, Michael Senior
MentorPad: Talha Baig, Toby Simpson
Alumni Network: Leo Turner, Matt Godfrey, Sushmita Ramanujam

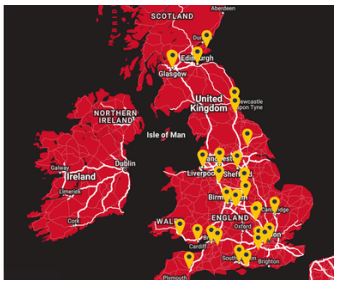
Once again, the UKSEDS Membership Team have achieved significant milestones, significantly extending UKSEDS' influence in the space sector and among students. The team's efforts this year to enhance collaboration, engagement, and communication have yielded impressive results, with 45 active UKSEDS branches.

1700	68	45
MEMBERS	VOLUNTEERS	BRANCHES

This year, Cluster Events were launched in 4 regions across the UK, engaging not only branches and space companies, but also various government organisations and local space clusters. This collaborative effort enables us to fulfil our mission of sharing knowledge and raising awareness of developments within the space sector, thereby encouraging students to pursue careers and establish networks within the UK space industry. Furthermore, there has been successful initiation of 2 additional projects within the team: MentorPad and the Alumni Network. Both initiatives aim to cultivate connections and forge relationships among alumni, members, and external organisations, facilitating the exchange of opportunities, resources, and knowledge through our UKSEDS Community Hub.

The UKSEDS Community Hub is an open platform built for UKSEDS to access resources and share information with the wider community. It is a collaborative project between the Systems Team and Membership Team.





The commitment to bolster our relationships with branches by providing ongoing support and guidance through our dedicated team of Regional Coordinators remains as strong as ever. In the coming months, the team intend to expand, engage in outreach projects to schools, and launch several other initiatives to broaden the scope and objectives of the team.

UKSEDS CLUSTER EVENTS

Following its immense success last year, this year sees the return of the Membership Team's most ambitious project, the Cluster Events. These will be hosted in person between March 18th-29th this year at University College London, University of Sheffield Advanced Manufacturing Research Centre (AMRC), University of Nottingham, and University of Edinburgh.

These events are aimed at spreading knowledge and awareness of the developments within the space sector and further encouraging students to take up careers within the UK space industry. They achieve this by incorporating a range of activities, such as talks by academia and industry experts, panel discussions, networking events, and interactive workshops.

Attracting

500+ **students** **40+** **branches** **30+** **companies**

alongside space clusters and public organisations, this will continue to have an incredible impact across the UK.

Find out more and get your tickets here:

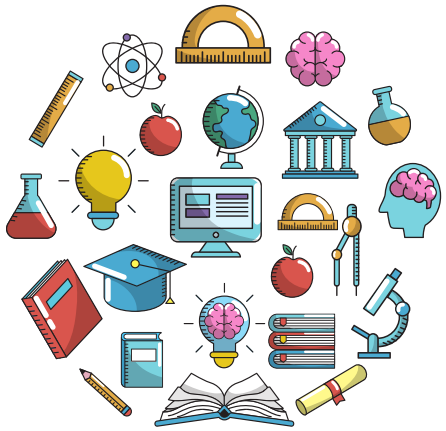
Scan or Click.

UKSEDS MENTORPAD

The MentorPad project was established to provide guidance to the wider space community about any topic relevant to space by connecting with professional/student mentors. The mentors are UKSEDS volunteers coming from industry and academia who are passionate about space, science, and engineering. They have diverse academic and industrial knowledge, and are eager to share their expertise.

Key Areas of Mentor Specialization

- Engineering
- Physics & Astronomy
- Biology
- Mathematics
- Arts Space Policy
- And More...



Mentors can also provide guidance with:

- Academic Writing
- CV Building
- Research (Potential Internships and PhDs)

Sessions typically last up to 2 hours, providing mentees with valuable one-on-one guidance. Meetings and sessions are organised through Google Calendar and Google Workspace, ensuring a seamless and efficient process, and conducted using Google Meet. Mentors can be messaged directly on Google Workspace.

MentorPad is currently implemented within the UKSEDS community only, but the team plan to expand the project on a wider scale, connecting external organisations and communities in the near future.

Access the MentorPad portal here:

Scan or Click.

UKSEDS
ALUMNI NETWORK

The Alumni Network aims to create a gateway to a thriving network of like-minded professionals, dedicated to shaping the future of space, science, and engineering. It provides a platform of endless inspiration.

🚀 Network and Collaborate

Connect with fellow alumni, members, and industry professionals for exciting collaborations and projects.

🌟 Showcase Your Work

Publicise your research, innovations, and achievements to a wider audience passionate about space, science, and engineering.

🔍 Recruit New Talent

Offer internships, work experience, and job opportunities to the next generation of space enthusiasts.

🎓 Mentor Future Leaders

Share your expertise, guide aspiring engineers, scientists, and researchers, and make a lasting impact on their careers.

🌌 Enjoy Social Opportunities

Attend exclusive alumni events, including our annual alumni dinner at NSSC, fostering a sense of community.

Find out more here:

Register as an alumni:

Provide your ideas:

Scan or Click.

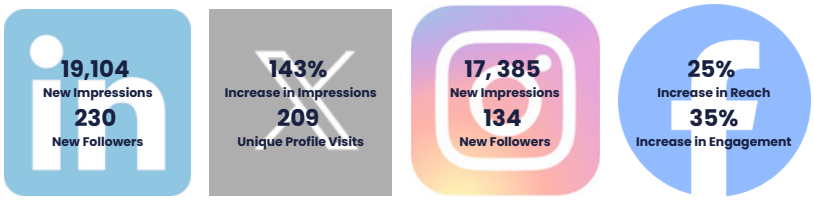
MARKETING

Team Lead: Srinidhi Dantu
Vice Team Lead: Amelia Pua

Social Media Team: Adi Dhillon, Lauren Lewis, Rachel Diamond, Samhita Manukoda, Shreenidhi Srinath
Podcast Team: Isaac Caletrio, Louise Weightman, Maria Olender, Seb Ruvinsky, Simran Dhanraj
Ecliptic Team: Beth Westoby, Georgia Casburn, Kariavi Pandit, Vanshika Gupta

The Marketing Team have seen the addition of several new volunteers this year, making it one of our biggest teams. The team have been busy working on NSSC marketing since November, and designed a new brand kit for NSSC. New initiatives within UKSEDS, such as Cluster Events and MentorPad, have all had input from the team through logo designs and social media marketing.

As a result of the development of the team's enhanced marketing strategy, UKSEDS' social media platforms have continued to expand in reach and engagement over the past year, with an increase in followers and post impressions across all platforms. This is a reflection of UKSEDS' growth within the space sector, the continually increasing number of students and young professionals we inspire and support, and our impact being bigger than ever.



All figures correct at time of printing for preceding 90 days.

Preparing for Launch, our space careers podcast, published 13 episodes this year and was listened to over 1,200 times. The team hosted their first ever live show at NSSC 2023, moderating a panel on space entrepreneurship. The show is looking to move to weekly publishing in the near future.

The Ecliptic team have published 11 newsletters over the last year, with the subscriber count now reaching 3,672. Ecliptic has continued to be an invaluable source alerting space enthusiasts to exciting job opportunities, events, and space news.

NEW PODCAST EPISODE EVERY FORTNIGHT!

Scan or click for our latest episode:

PREPARING FOR LAUNCH

by UKSEDS

Find us on:

ECLIPTIC by UKSEDS

UK STUDENTS FOR THE EXPLORATION AND DEVELOPMENT OF SPACE

Scan or Click.

Join over 3000 others. Subscribe to Ecliptic by UKSEDS for space news in your inbox the second Friday of every month.

FINANCES

This year, UKSEDS has maintained a strong financial position. A key contributor to our financial stability has been the UK Space Agency (UKSA) grant, which provided for NSSC 2024. We also received £5,000 in restricted funding from the RAeS Futures Scholarship. This year, we also introduced corporate-level sponsorships, moving away from solely event- or activity-specific funding. This change gives us more flexibility to budget for important but less high-profile initiatives, such as maintaining UKSEDS, expanding our events & outreach activities , and covering administrative costs, while still ensuring strong support for competitions and NSSC.
These developments not only reinforce our financial stability but also give us greater confidence in planning for the future, ensuring UKSEDS can continue supporting students and delivering valuable opportunities in the space sector.

	31 March 2022 - 30 March 2023	***31 March 2023 - 30 March 2024***
Starting Balance	£60,379.36	£29,562.75
Income	£41,404.58	£82,639.24
Of which restricted	£0	£35,000.00
Expenses	-£72,921.19	-£55,129.40
Of which restricted	£0	£1,018.57
Profit/Loss	-£31,016.61	£27,509.75
Closing Balance	£29,562.75	£57,072.36
Restricted funds at 30/03/2024:		
UKSA		£28,981.43
RAeS		£5,000.00

The charity is constituted as a Charitable Incorporated Organisation, registered on 27 February 2019.
Charity's Full Name: UK Students for the Exploration and Development of Space
Other Names Used: UKSEDS
Principal Address: UKSEDS, 27-29 SOUTH LAMBETH ROAD, LONDON, SW8 1SZ

Reserves Policy Statement:
The charity's reserves are held in accordance with guidance issued by the Charities Commission onpublic benefit. The trustees have established a reserves policy to ensure financial stability and tosupport the charity's ongoing operations and future projects. Reserves are maintained to coverunexpected expenses, mitigate financial risks, and to ensure the continuity of the charity's servicesand programs

These accounts were approved on behalf of the UKSEDS board on the 28th January 2025 by Tanjin Huda, Treasurer for 2024/25 (executive trustee).

Tanjin Huda

OUR WORK IS MADE POSSIBLE BY

OUR CORPORATE PARTNERS

AIRBUS

SKYRORA

ADDITIONAL SPONSORS

UK SPACE AGENCY

FRAZER-NASH CONSULTANCY
A KBR COMPANY

gmv INNOVATING SOLUTIONS

Royal Astronomical Society

CGI

Astroscale

Space Partnership

IOP Institute of Physics

HE SPACE it's all about people
A CS COMPANY

SPACE FORGE

bright ascension

STARTUP SPONSORS & SUPPORTERS

fixmycrack

tribonix

Bristol SU
Supporting Student Groups

ThalesAlenia Space
a Thales / Leonardo company

prospero
Space Fellowship

INNO FORGE

SPACE GENERATION ADVISORY COUNCIL

GDST
GIRLS' DAY SCHOOL TRUST

SPACE CAREERS.UK

THE BRITISH INTERPLANETARY SOCIETY

esa

CHARITY COMMISSION FOR ENGLAND AND WALES

Independent examiner's report on the accounts

Section A Independent Examiner's Report

Report to the trustees/ members of	Charity Name UK Students for the Exploration and Development of Space		
On accounts for the year ended	Period ended 30 March 2024	**Charity no (if any)**	1182239
Set out on pages	1-20 above		

I report to the trustees on my examination of the accounts of the above charity ("the Trust") for the year ended **30/03/24**.

Responsibilities and basis of report

As the charity trustees of the Trust, you are responsible for the preparation of the accounts in accordance with the requirements of the Charities Act 2011 ("the Act").

I report in respect of my examination of the Trust's accounts carried out under section 145 of the 2011 Act and in carrying out my examination, I have followed the applicable Directions given by the Charity Commission under section 145(5)(b) of the Act.

Independent examiner's statement

I have completed my examination. I confirm that no material matters have come to my attention in connection with the examination which gives me cause to believe that in, any material respect:

- accounting records were not kept in accordance with section 130 of the Act or
- the accounts do not accord with the accounting records

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in order to enable a proper understanding of the accounts to be reached.

Signed:	FJ Wilde	**Date:**	30 Janaury 2025
Name:	FJ Wilde		
Relevant professional qualification(s) or body (if any):	FCCA DChA		
Address:	4 Marigold Drive Bisley Surrey GU24 9SF		

Section B	Disclosure
	Only complete if the examiner needs to highlight matters of concern (see CC32, Independent examination of charity accounts: directions and guidance for examiners).
Give here brief details of any items that the examiner wishes to disclose.	

UK STUDENTS FOR THE EXPLORATION AND DEVELOPMENT OF SPACE

England & Wales - Charity number 1182239

Accounts

UK STUDENTS FOR THE EXPLORATION AND DEVELOPMENT OF SPACE

ANNUAL REPORT

2022 - 2023

UKSEDS Chair: Zaria Serfontein
Prepared By: Claire Crease and Zaria Serfontein

Thousands of students.

Dozens of universities.

One vision.

WE ARE UKSEDS

Events & competitions

Resources & networking

Jobs & opportunities

ukseds.org

spacecareers.uk

CHAIR'S REFLECTION

Another year, another hastily written chair's reflection in the early hours of the morning, desperately trying to finish all of the last-minute tasks ahead of NSSC. This has been a year of below-the-surface tectonic changes; replacing legacy systems that had been held together with duct tape and sheer force of will, trying to implement more processes and training as the organisation continues to mature, and redeveloping SpaceCareers.uk, enabling it to continue making the space industry more accessible for everyone.

It has been fantastic to continue to have more in-person events, while continuing to benefit from a world that's become increasingly accustomed to being online. This year's National Student Space Conference will see a record-breaking 500+ attendees come together to network, share ideas and find their place in the space sector.

We've focused on getting more in touch with our members and branches, launching a new Community Hub; an all-in-one online platform that allows our 1,500 members and 52 branches to connect, collaborate, develop skills, access resources, find opportunities, and stay up-to-date with all of the latest developments in space.

Since I started my UKSEDS journey in the competitions team, it has always held a special place in my heart, and continues to go from strength to strength. We've had more teams than ever register to take part in each of our 5 competitions, we held our first ever in-person competitions launch day, our incredible marketing team continued to bring together the competitions and make them more cohesive, and the competitions have grown so much that it's necessitated the creation of its own management team. Hearing the roar of Mach rockets or watching a rover bury itself in the Airbus Mars yard are definite highlights from the year.

At UKSEDS, we continue to aim high and punch above our weight. Looking back over the year, it's always incredible just how much we're able to achieve in the span of a year with a very limited budget. This wouldn't be possible without our incredible network of sponsors and supporters and our passionate, hard-working community of volunteers. Right now, having evenings and weekends back sounds incredibly tempting, but I'm sure I'll miss the chaos and constant buzz of Slack notifications as soon as I'm gone. Although this journey has come with plenty of ups and downs, it has been incredibly rewarding, and I can't wait to see what this amazing organisation does next!

ad astra

ZARIA SERFONTEIN
UKSEDS Chair

Looking for a space career?

Need help with hiring?

- Connecting
- Educating
- Supporting
- Advocating

SPACE CAREERS.UK

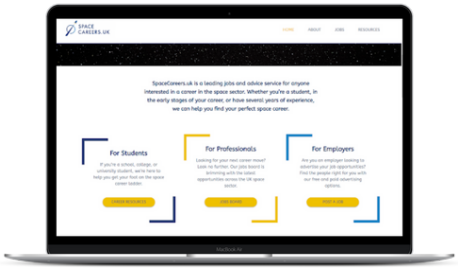
EDUCATION

This year culminated in the launch of the new and improved SpaceCareers.uk service. Since the website was created by UKSEDS volunteers back in 2015, it has become the UK's established go-to resource for early careers information and opportunities in the space sector, but the demand over the years has been continuously increasing as the sector has grown and it's been a challenge to keep up. Our Executive Committee, Trustees, and a dedicated redevelopment team have put in endless hours over the last 18 months to find solutions to these challenges and design a new service that will ensure the sustainability of SpaceCareers.uk and support more career journeys than ever before.

SpaceCareers.uk has been set up as a not-for-profit organisation which enables the service to generate revenue from a premium job advertisement option, and expand in this growing market. Revenue will be used to continually develop the service, provide more careers support, and to support UKSEDS. Whilst this is a big update for the brand, the site will never stray far from its roots, and SpaceCareers.uk and UKSEDS will work in partnership through a Memorandum of Understanding. SpaceCareers.uk endeavours to connect, educate, support and advocate, to make space more accessible for all. The service will keep a free advertisement option to enable the sharing of as many opportunities as possible. It will also expand into supporting people beyond early careers, as our market research showed there is a lack of support available for people wishing to change careers into the space sector, whilst employers often struggle to reach and hire mid-level roles. SpaceCareers.uk always aims to keep improving the service, so we welcome any feedback.

We are grateful for the support we have received during this process, particularly to the Satellite Applications Catapult for business support sessions, First Steps Legal as our legal advisor, the several space industry employers with whom we conducted market research interviews and who have continued to give feedback during the redevelopment process, and the Space Skills Alliance for their insightful discussion.

Our careers team has also grown to 15 volunteers, and now each volunteer has taken specialist roles in events, marketing, operations and content creation to keep on providing helpful resources for students and young professionals.



600K ALL TIME USERS

575+ JOBS ADVERTISED IN THE LAST 12 MONTHS

97K USERS IN THE LAST 12 MONTHS

Equipping students with the necessary skills, knowledge and experiences to succeed in the UK space sector is at the core of what we do at UKSEDS. Through our SpaceCareers.uk website, competitions, events, and projects, we foster a community for students to network and engage with industry professionals, and improve their technical and soft skills.

SPACE CAREERS.UK

EVENTS

NATIONAL STUDENT SPACE CONFERENCE 2023

We are delighted to have once again hosted the UKSEDS National Student Space Conference, held this year at the prestigious University of Manchester! This highly anticipated event was our biggest and best yet, with an incredible lineup of speakers, sponsors and panel discussions.

The conference brought together some of the brightest minds in the space industry, from leading researchers to pioneering entrepreneurs. Attendees had the opportunity to hear from experts in a range of fields, including astrobiology, exoplanets and sustainable launch.

One of the highlights of the conference was the keynote panels, featuring some of the most influential figures in the space industry today. These panels delved into the latest trends and innovations in space technology, providing a fascinating insight into the life of a space entrepreneur, lunar exploration and even how to become an astronaut!

But that's not all - this year's conference has seen record ticket sales, with space enthusiasts from all over the country eager to be a part of this incredible event. Thank you to the dedicated team of volunteers who spared their free time to bring this event together.

SPACE RESEARCH SYMPOSIUM

Last year, the Events & Projects team launched the Space Research Symposium. Our preliminary round received three submissions: one abstract and two posters.

Before the final round of submissions, UKSEDS hosted the Space Research Symposium Workshop to prepare participants ahead of the deadline. We welcomed Nijanthan Vasudevan discussing the paper he presented at the International Astronautical Congress (IAC) 2022 on Space Debris, and Mélissa Azombo talked attendees through Science Communication.

CLUSTER EVENTS

This year the Membership Team took on their most ambitious project to date, the Cluster Events. Four brand new events were held simultaneously in different regions of the UK on February 4. Held in-person in Edinburgh, Cranfield, Liverpool and virtually in London, the aim of these was to foster connections between UKSEDS branches and members across regions and stimulate engagement with leading space academics and companies.

With over 20 speakers, nearly 300 of our charity's members connected with the space sector, from both academic and commercial perspectives. Distinguished academics such as Martin Hendry, Leigh Fletcher, Jennifer Kingston, and esteemed organisations like Space Scotland, BAE Systems and Skyrora were present, to name a few. The events provided networking sessions, opportunities to ask leading industry professionals questions, and a panel discussion.

4th SUMMIT FOR SPACE SUSTAINABILITY

In June 2022, UKSEDS were invited to encourage more students to attend the 4th Summit for Space Sustainability, hosted by the Secure World Foundation and the UK Space Agency in the Science Museum in London. Minister George Freeman opened the conference, highlighting the UK's ambitions to become a world leader in space sustainability, King Charles spoke about the importance of safeguarding space after 'making a mess' of Earth, and Neil deGrasse Tyson closed the event with a live StarTalk podcast.

SPACEBAR

With over 1200 individuals from over 60 countries so far, this March marks the 3rd anniversary for SpaceBar, the longest running UK online space meet-up!

With 60+ episodes aired to date, we're proud to continue our partnership with AstroAgency to provide a place where the space community can share knowledge and highlight opportunities from their own home.

SPACEBAR
WITH DALLAS AND SUZIE

SPACEBAR

ASTROAGENCY

UKSEDS

ASTROAGENCY

Space industry, academia, and enthusiasts, with the occasional astronaut. Bringing the space community together since the beginning of lockdown.
Hosted by Dallas Campbell and Dr Suzie Imber.

COMPETITIONS

The 2022/23 season was big for the UKSEDS competition teams, marked by several notable developments. We have seen a significant increase in interest and participation with a record number of teams registering to take part in each competition. Our most recent competitions event was our first in-person competitions launch, representing a significant milestone in competitions history and providing participants with the chance to meet competition mentors in person and network with other teams.

Additionally, competitions attracted new industry sponsors, which brings in new resources, expertise, and opportunities for participants, helping them to build connections with potential employers. New rewards and learning opportunities have been introduced to enhance the competitions' value proposition, providing participants with valuable skills and experiences. Furthermore, the competitions have attracted new volunteers and the formation of the Competitions Management team has brought fresh ideas and expertise, improving the management, execution, and impact of each competition. The success of the UKSEDS competition teams are entirely attributed to the hard work and dedication of all volunteers.

OLYMPUS ROVER TRIALS (ORT)

This year's competition aims to familiarise students with the idea of building a Martian habitat. The mission requires students to be part of a logistics system that is capable and coordinated enough to be able to help build a Martian habitat. Teams are asked to build rovers that do not exceed 5 kg in mass nor exceed 0.03 cubic metres. The mission goal is for teams to collect and transport cargo from the Logistics Depo (LD) to one of the Delivery Sites (S) that are scattered all around the "landing zone" (Airbus's Mars yard). Then, carry a different cargo item from the S to the LD once again. The whole process will be divided into 4 main phases: Traversing to the cargo area, delivering cargo items, collect cargo item, return to the depot.

Teams will be given 30 minutes to complete this task, with the last 15 minutes being sight restrictive (teams will have to depend on their cameras for manoeuvring the rover).

This year's instalment of the ORT had a record breaking 20 teams registering for the competition. With 17 of them making it past the PDR phase! The competition is sponsored by Both Airbus and RAL Space, which mainly includes resources such as competition venues, mars yards, vibration test beds, rather than financial amounts. With more supporters and/or sponsors looking to be onboarded before the end of this year as well.

Last year's competition required competitors to build a Sample Fetch Rover, that would collect Mars samples scattered around, and return them to the Mars Sample Return Lander. Last year's winners were:

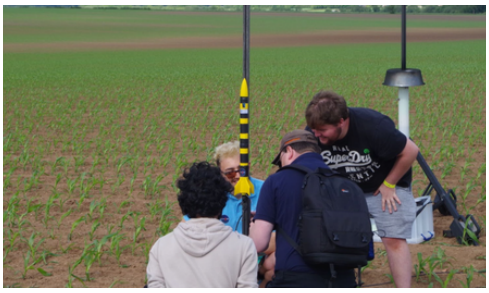
- Overall: Team Bath Roving - Trophy: 3D printed ExoMars trophy
- Innovation: UKAEA
- Automation: Team Bath Roving
- CDR: Phoenix
- Outreach: Leicester

At the moment, teams are analysing and going through their PDR feedbacks and starting to map out their next tasks to accomplish to provide a well written and detailed CDR, which will be a pivotal point for all teams to whether they will have the chance to build their rover or not.

NATIONAL ROCKETRY CHAMPIONSHIP (NRC)

The National Rocketry Championship has been running for 9 years in varying formats, making it UKSEDS's oldest competition. The competition has grown significantly with a record number of teams applying to enter the competition last year, with at least 30 university teams wanting to take part. This year, we have increased that number again to a total of 48 teams entering at the start of the competition.

The aims of the competition are to challenge students to perform complex engineering tasks, provide them with hands-on experience and allow them to develop new technical skills as well as give them some insight into propulsion as a potential career.



The mission of the competition this year is for students to design and build a mid-power rocket using any '2 Grain 29mm Cesaroni motor' and reach the greatest apogee possible with a minimum payload of 100g. The competition consists of 2 phases: Design & Build and Launch. In the Design & Build phase, the teams research and then write a report that justifies their design choices and demonstrates that their rocket is safe to fly.

In the launch phase, students would build their rocket and then launch at typically one of the amateur rocketry groups across the country. This year, the United Kingdom Rocketry Association have been brought on as a supporter to act in an advisory role to advise on the safety and legal side of the Teams' designs. A mentor system has also been established which involves an industry professional having meetings with students at least once every 2 months for 1 to 2 hours.

This year's competition has 48 registered teams who are currently working on their GDRs due in March 2023. Thank you to our partners UK Rocketry Association, and congratulations to last year's winners from the University of Bristol!

SATELLITE DESIGN COMPETITION (SDC)

Our sixth installment of the Satellite Design Competition, sponsored by SSPI, AIRBUS, NanoAvionics, Oxford Space Systems, Open Cosmos, and Inmarsat, will be the second year that the competition has held an in-person competition day. For this year's competition, we have tasked teams to detect a number of pieces of space debris for the purpose of cataloguing them. This means determining characteristics such as frequency of debris objects, size, shape and more! Teams are currently hard at work developing their CDRs, which will be submitted and reviewed by industry experts in late March.

Last year's competition was the first time we have held a in-person competition day, which was at the National Student Space Centre in Leicester. StrathAIS, the team from University of Strathclyde, were the overall winners of the competition after demonstrating their wonderfully built CubeSat prototype. The also managed to win Best Presentation, Best CDR and Best Outreach. Special mention as well to the team from Cranfield University who presented during the competition day, and won Best Innovation! Designing a CubeSat is a huge challenge but all teams acquitted themselves extremely well and managed to develop some great designs throughout the competition, even if they didn't complete the build phase.

IN-ORBIT SERVICING & MANUFACTURING COMPETITION (IOSM)

UKSEDS and Satellite Applications Catapult are collaborating for the second year to run a student competition on In-Orbit Servicing and Manufacturing (IOSM). The competition challenges interdisciplinary teams of 5-12 students to design and pitch a business in the emerging field of IOSM, with a focus on technical and commercial aspects such as space-based solar power, pharmaceuticals, active debris removal, and microgravity manufacturing. Teams are allocated an industry mentor who provides guidance and advice throughout the competition.

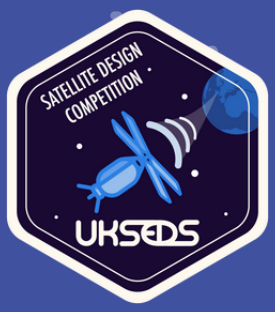
The competition aims to give students exposure to various topics in the space industry and develop industry-relevant skills in mission design, engineering, business development, project management, and more. This year's competition will see teams producing a business proposal covering commercial and technical aspects to pitch their ideas in a Dragons' Den scenario. The competition provides a stepping stone into the IOSM field and a valuable experience for students' future aspirations.

The 2021/22 IOSM competition saw six teams from around the UK develop and pitch IOSM businesses to industry experts, attracting students from various academic disciplines such as electronics, mechanical engineering, aerospace, business, economics, law, and marketing. The competition enjoyed high engagement from industry partners, allowing for a successful Dragons' Den event hosted at the Catapult's IOSM facility. Bristol University won the competition, with Southampton University coming in second place. Thank you to our main partner, Satellite Applications Catapult, ad our further supporters Astroscale, Space Forge, D-Orbit, ClearSpace, LMO, UKSA, and Frazer Nash.

MACH-23 LAUNCH & CANSAT COMPETITION

We're partnering with Discover Space UK and Exotopic to organise the Mach-23 Launch Competition & Conference. The Mach-X competition is in its third year and is bigger than ever!
This year we have 14 teams registered, and the university students involved have to design, build and launch their own rocket and CanSat (simulation of a real satellite within the shape of a can), reaching an apogee of up to 3km and linking their satellite design to space based solar power and sustainability.

Held at Machrihanish Airbase in Scotland, the launch event that takes place in July offers the teams to participate in hands-on Space Skills Workshops and attend seminars on health & safety and launch regulations, whilst engaging in outreach activities that involve the local community and networking with members of the UK space industry.



At UKSEDS we currently run 5 competitions, on rover design, satellite design, IOSM and rocketry. Each year our competitions launch in October. Although the requirements for each competition differ, they all aim to emulate industry practice. Each competition concludes with students building and showcasing their designs at the competition events in summer.

Competing teams are given industry mentors, who supports the development of their design and can provide advice about working in the space industry. We also offer opportunities for training in areas including project management and systems engineering, as well as the chance to undertake outreach activities.

Our competitions aim to provide students with the key technical and soft skills for a career in space, and provide students with a direct connection to the industry through the support of advisors, sponsors and supporters including Airbus, Inmarsat, the Satellite Applications Catapult and more!

UKSEDS COMPETITIONS

NEW PODCAST EPISODE EVERY FORTNIGHT!

Scan now for our latest episode:

PREPARING FOR LAUNCH by UKSEDS

Find us on:

OUTREACH

SPACEPORT CORNWALL LAUNCH

We are delighted to report that UKSEDS recently organised a successful pop-up event as part of our outreach efforts at Spaceport Cornwall for the UK's first launch. The event was a huge success, with hundreds of space enthusiasts from all age groups attending, from primary school children to senior citizens who were curious about space.

Our volunteers went above and beyond, engaging the younger generation with fun activities such as mission patch design competitions, while sharing exciting facts about the space sector. Children were thrilled to participate in our interactive activities, learning more about the world beyond Earth.

Thanks to the hard work of our dedicated team, we were able to create an unforgettable experience for all those who attended. The event was an excellent opportunity for us to showcase our commitment to education and outreach and to inspire the next generation of space enthusiasts.

Thanks to volunteers: Isaac Caletrío, Yoga Barrathwaj, Nusaiba Al Wardi, Daniel Kingscott, Yash Kumar.

UKSEDS GOONHILLY VISIT

Many thanks to the Goonhilly team for hosting UKSEDS on our recent visit to the satellite station! We had a fantastic time learning about the history and future of space communication. Special thanks to Anuskha Sharma from London Space Network for organising this wonderful opportunity.

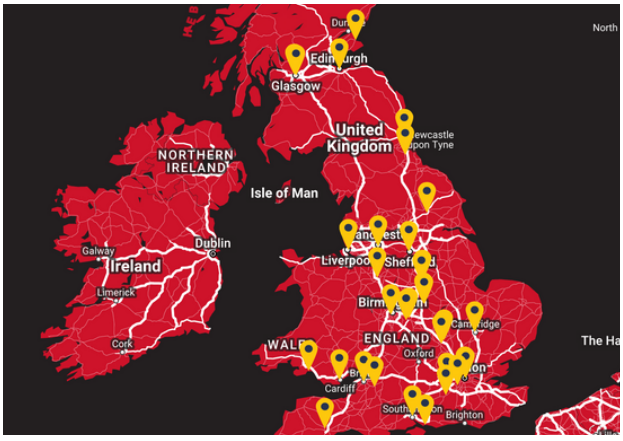
DIVERSITY AND ADVOCACY

The Diversity & Advocacy team regularly organises the diversity in space careers (DISC) conference. This year we are excited to be featuring DISC as panel at our annual National Student Space Conference with a variety of speakers representing both diversity in career entrances to the space sector and diversity in personal backgrounds. We have also been working on a paper about the leaky pipeline between education and the space sector.

MEMBERSHIP

For a second year in a row, the UKSEDS Membership Team has achieved remarkable milestones, expanding the reach and impact of UKSEDS in the space sector and among students. The efforts of our team of Regional Coordinators to improve collaboration, engagement and communication have been successful, with a record-breaking number of 52 UKSEDS Branches. We have offered merch packs, emphasised the use of our Branch Guide, and held regular meetings to support and advise them in their journey. In addition, we have brought back our Branch Grants competition, through which we funded three student-led projects to design a CanSat system (LASER Liverpool), inter-community outreach activities (CranSEDS), and conduct an outreach CanSat project (UoN Space Soc), up to a total of £1500.

Yet, that is not all. This year we have also undertaken a much-needed, UKSEDS-wide project: the creation of the UKSEDS Community Hub. This new all-in-one online platform for our membership encompasses all of UKSEDS offerings using a central and integrated channel, and allows them to connect, collaborate, develop skills, access resources and grants, find opportunities, and learn about the latest developments in the space sector. It is not only a more efficient internal management system for UKSEDS volunteers, but also a digital space where we can host our competitions, forums, events, and truly create a network of space enthusiasts that spans across the country.



The UKSEDS Hub has allowed us to register over 800 new members since its launch in December 2022, bringing our total membership to around 1500 students and recent graduates. Moreover, this new platform is also allowing us to allow UKSEDS Alumni to join the UKSEDS Alumni & Friends association. This is an excellent opportunity for space sector professionals to benefit from access to a privileged network and curated resources, while supporting current UKSEDS members and boosting their careers.

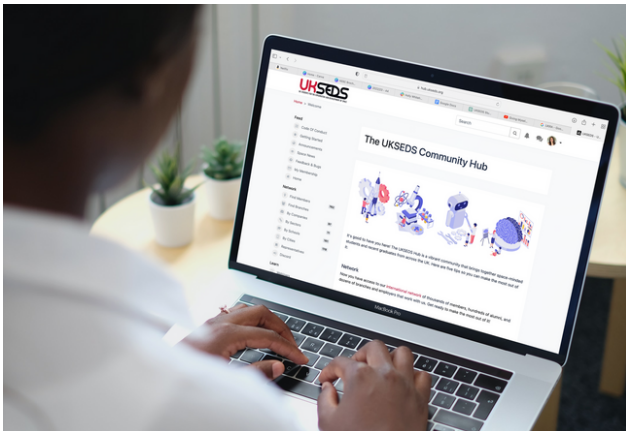
Moving forward, our main goal is to continue to provide our members with the resources, support, and activities they need to succeed in the space sector. We will focus on improving engagement to better understand their needs and interests, and to create a stronger sense of community. We are also committed to expand our Mentorship Programme to offer our members the opportunity to freely access careers advice from UKSEDS volunteers and experienced professionals. Lastly, we aim to collaborate more closely with academic networks like SUN, SPAN, and SPRINT to create a better support network for our members.

As we enter a new era of space exploration, we are excited to continue serving, inspiring, and supporting students from all UK universities. We believe that the future of the space sector lies in the hands of the next generation, and we are committed to ensuring that UKSEDS remains a crucial resource and community for all those who are passionate about space.

1500 MEMBERS

120 VOLUNTEERS

52 BRANCHES



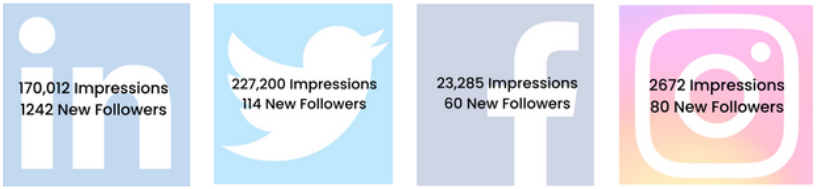
MARKETING

The marketing team has seen the addition of several new volunteers, who have taken on roles as podcast producers and Ecliptic team members.

The addition of new volunteers has facilitated the reallocation of existing marketing volunteers to new projects, one of these being the relaunch of our 'Preparing for Launch' podcast. Our strong team of four successfully re-launched the programme in October of 2022, and since then has published 12 bi-weekly episodes featuring various members of the space industry and garnering upwards of 700 plays from listeners across 43 countries.

Ecliptic, our members only newsletter which has reached a subscriber count of over 2200, has used the addition of two team members to upscale the quality of the newsletter, adopting a new style and implementing additional segments. As a result, engagement and click-right remain high and positive feedback has been received from subscribers.

Similarly, UKSEDS' social media channels have seen some encouraging analytics. Our follower count has increased across all platforms, with high engagement also trending across platforms within the past year.



All figures correct at time of printing. Instagram figures only refer to the previous 90 days.

This level of engagement has produced very tangible results for the UKSEDS team, including record high sales of in-person tickets for the National Student Space Conference 2023.

The significant increase in our following and, crucially, our engagement, give our team confidence that UKSEDS will continue to reach further into the space industry and inspire students and young professionals to consider their space in the sector. This success can be attributed to the development of strategy for cohesive branding across all external materials. The marketing team has developed a comprehensive brand kit defining our standards for graphic design and outreach via our social media platforms.

By standardising our branding, the process that gets us from design to audience has been streamlined. With this significant time saving we have placed more focus on working to highlight individuals in the space industry who represent varying minorities. Our most recent successful campaigns include Pride Month, LGBTQ+ STEM Day and Black History Month, among others.

Marketing team members relish the opportunity to highlight these individuals and believe it is crucial to market this information to students and young professionals as a means to encourage involvement in the industry and secure a diverse workforce for the future of space.

The marketing team lead would like to extend a massive thank you to all marketing team members for their hard work and dedication to an impressive number of projects despite being in full time employment and/or education. It is a true testament to the passion you have for the space industry and the students and young professionals involved in it: Beth Westoby, Chloe Kadir, Divyanshi Gupta, Isaac Caletrio, Louise Weightman, Melissa Azombo, Raniah Ahmed, Samhita Manukonda, Sanaa Mughal, Sebastian Ruvinsky Camjalli, Shreenidhi Srinath, Susana Domene Marin.

PARTNERSHIPS

To extend our reach, provide better resources to our members and better represent our members in the space sector, we've continued to give a voice to students as part of several committees.

Members of our executive committee regularly attend Space & Satellite Professionals International (SSPI) UK Council and Board Meetings, Space Universities Network (SUN) Working Group Meetings, the UK's Space Skills Advisory Panel (SSAP), Space4Climate meetings and British Interplanetary Society events. These allow us not only to advocate for the needs of students, but it also allows us to stay up-to-date with developments in the sector.

Opportunities such as SpaceBar allow us to connect industry, academia and professionals in a much more relaxed and informal setting, where drunken rants are discouraged, but passionate discussions are encouraged. This year we've also been invited to attend plenty of events, including Space Zone at the Farnborough Airshow, SpaceUP Edinburgh, Reinventing Space, Made for Space, and many more.

We look forward to seeing what we can achieve together in the next year!

ASTROAGENCY

SSPI UNITED KINGDOM CHAPTER

Space Universities Network

British Interplanetary Society
From Imagination to Reality

NextGen Network

UK SPACE AGENCY

SPACE GENERATION ADVISORY COUNCIL

SPACE CLIMATE

Fistral
Training and Consultancy Ltd.

CATAPULT
Satellite Applications

FINANCES

Due to the pandemic, and the significantly reduced expenditure associated with virtual events, UKSEDS has seen another yet record growth in financial assets, and continues to maintain a healthy financial position. Despite the loss of all income from ticket sales, as we chose not to charge for our virtual events, our operating expenses were covered due to the generosity of our external sponsors. With the restructuring of UKSEDS into a Charitable Incorporated Organisation, all assets have now been fully transferred to the new bank account associated with the new charity, as indicated* in the table.

	01 Dec 2019 - 30 Nov 2020	***01 Dec 2020 - 30 March 2022***	***31 March 2022 - 30 March 2023***
Starting Balance	1,433.73	35,886.48	£60,579.36
Income	13,331.13	49,598.31	£41,904
Expenses	1,608.40	24,905.43	72921.19
Profit/Loss	11,722.73	24,692.88	-31016.61
Net transferred between UKSEDS charities*	22,730.02	0.00	0.00
Closing Balance	35,886.48	60,579.36	29,562.75

The charity is constituted as a Charitable Incorporated Organisation, registered on **27 February 2019**.
Charity's Full Name: UK Students for the Exploration and Development of Space
Other Names Used: UKSEDS
Principal Address: UKSEDS, 27-29 SOUTH LAMBETH ROAD, LONDON, SW8 1SZ.

Reserves Policy Statement:
The charity's reserves are held in accordance with guidance issued by the Charities Commission on public benefit. The trustees have established a reserves policy to ensure financial stability and to support the charity's ongoing operations and future projects. Reserves are maintained to cover unexpected expenses, mitigate financial risks, and to ensure the continuity of the charity's services and programs.

UKSEDS offers various grants as part of the upcoming financial year. We additionally provided over £2,500 in funding to enable members to travel and attend NSSC, helping 98 students to do so. We have also investing a significant amount of money in rebuilding the SpaceCareers.uk website, improving its functionality and enabling us to create even more connections between students and industry. This IP has now currently been licensed to Spacecareers.uk company which was formed earlier in Feb 2023.

As the annual handover of the executive committee is in March, it was decided to extend the current financial year to the end of March to more closely align the UKSEDS financial year to the executive committee changing hands. This has the effect of causing all future financial years to run from the 31st of March to the 30th of March respectively.

These accounts were approved on behalf of the UKSEDS board on the 08th January 2024 by Yash Kumar, Treasurer for 2023/24 (executive trustee).

Yash Kumar

UKSEDS

Olympus Rover Trials 2022
Airbus Careers Presentation
6th August 2022
Presenters: Paolo Ridolfi, Michael Skreta, Joe Hunt
AIRBUS

Science and Technology Facilities Council
RAL Space

CARDIFF

ASK ME ABOUT SPACE
ASK ME ABOUT SPACE

17:23 | dvd-dgeq-vdx

UKSEDS
UKSEDS Cluster Events

NATIONAL STUDENT SPACE CONFERENCE 2022
WELCOME: ANTONIO DUDUIANU
@UKSEDS
#NSSC2022

AIRBUS

UKSEDS TEAM

We are a registered charity no. 1182239

Our charitable objects are to advance education for the public benefit, by making a forum for the communication and exchange of ideas between students, educational establishments, industry and the general public; and to act as a resource for young people in the UK with an active interest in space, by providing advice and assistance to improve their knowledge base, skill sets, and hands-on experience.

Our Trustees and Executive Committee are elected by the Membership in accordance with our Constitution, and plan our activities with regard to the Charity Commission's guidance on public benefit, our Objects, and our long term strategy.

Executive Committee

Zaria Serfontein (Chair)
Joshua Bernard-Cooper (Vice-Chair)
Anna Veldman (Treasurer)
Hannah Dawe (Secretary)
David Sulley
Susana Domene Marin

Non-Exec Trustees

Andrew Bacon (Co-Founder and Chief Designer, Space Forge)
Jeremy Ambrose (Startup Partnerships Manager, Zendesk)
Julia Hunter-Anderson (MTG System Engineer & LEOP Manager, EUMETSAT)
Matjaz Viadmar (Lecturer in Engineering Management, University of Edinburgh)
Nick Shave (Managing Director, Astroscale UK & Europe)
Sheila Khanani (Education Outreach and Diversity Officer, Royal Astronomical Society)

Volunteers (88)

- Aamina Bhutta
- Agne Zalaite
- Ahlam Abdi
- Alex Yiannakou
- Ally Marshall
- Ananya Ganapathy
- Anisha Shrestha
- Anna Kalapurakkal
- Antonio Duduianu
- Arran Reedman
- Avanthika Gayatri Ravi
- Ayham Alhag
- Beatrice Rodriguez-caresia
- Beth Westoby
- Campbell Drummond
- Cassandra Akanbi
- Chloe Kadir
- Chris Stagg
- Claire Crease
- Craig Orrock
- Daniel Bhuglah
- Daniel Kingscott
- Daniel Worton
- Dev Kumanan
- Divyanshi Gupta
- El Ward
- Emily Barrett
- Emma King
- Evelina Sakalauskaite
- Ewan Wright
- Geethanjali Gopinath
- George Newton
- Holly Whitehouse
- Ines Carreiro
- Isaac Caletrio
- Isabella Bowen-Lowe
- Isha Parvaiz
- Jacob Smith
- James Magson
- Joanne Oliver
- Joaquin Perez-Grande
- Jonathan Lim
- Joseph Wildisen
- Joshua Finn
- Joshua Goodland
- Kirankumar Tenginakai
- Lamyea Ahmed
- Lee Ellis
- Lois Brewer
- Louise Weightman
- Matthew Christie
- Matthew Coyle
- Mélissa Azombo
- Mohamed Ali
- Mohamed Deera
- Mohamed Sherif Fawzi
- Mona Elghzal
- Nusaiba Al Wardi
- Olesya Klyuchenkova
- Oliver Jeeves
- Pedro Leonardo
- Pritisha Mukherjee
- Raniah Ahmed
- Richard Davis
- Richard Tait
- Rosie Cane
- Sanaa Mughal
- Samhita Manukonda
- Sanmukh Khadtare
- Sara Lai
- Sarah Seeruthun
- Saskia Campbell
- Sebastian Ruvinsky Camjalli
- Seonaid Rapach
- Shifa Shaikh
- Shima Suresh
- Shreenidhi Srinath
- Sidhi Karavadra
- Sushmita Ramanujam
- Talha Baig
- Tanjin Huda
- Tara McKibbin
- Thomas Varnish
- Tom Snelling
- Viktoria Urban
- Vito Latorre
- Yash Kumar
- Yoga Barrathwaj Raman Mohan

OUR WORK IS MADE POSSIBLE BY

OUR CORPORATE PARTNERS

AIRBUS

SKYRORA

ADDITIONAL SPONSORS AND SUPPORTERS

4WARD FUTURES
Disrupt - Enrich - Empower

ASTROAGENCY

Astroscale

BAE SYSTEMS

THE BRITISH INTERPLANETARY SOCIETY

BENCHMARK SPACE SYSTEMS

bright ascension

BRYCE TECH

CATAPULT
Satellite Applications

CGI

clearspace today

Discover Space
UK Space Port

D-ORBIT

esa

esa business incubation centre

UK esero

ELNT
SPACE SECTOR RECRUITMENT

exotopic

FIRST STEPS LEGAL

Fistral
Training and Consultancy Ltd.

FRAZER-NASH CONSULTANCY

gmv
INNOVATING SOLUTIONS

HE SPACE
it's all about people

inmarsat

IOP Institute of Physics

KISPE

LMO

MACC
Business Park

Ministry of Defence

nano avionics
A KONGSBERG COMPANY

NSC
NORTHERN SPACE CONSORTIUM

ORBEX

OXFORD SPACE SYSTEMS

OPEN COSMOS

prospero
Space Fellowship

UK Quantum Technology Hub
Sensors and Timing

Reaction Engines

ROYAL AERONAUTICAL SOCIETY

Royal Astronomical Society

UKRI
Science and Technology Facilities Council

South Coast
Centre of Excellence in Satellite Applications

SPACE CLIMATE

SPACE CAREERS.UK

SPACE FORGE

SPACEPORT CORNWALL

SpaceProjects.uk

SPACE STORE

Space Universities Network
Supporting the Space Higher Education Community

SSPI
SPACE & SATELLITE PROFESSIONALS INTERNATIONAL

ThalesAlenia Space
a Thales / Leonardo company

UKLSL

UKSPACE
THE SPACE TRADE ASSOCIATION

UK SPACE AGENCY

CHARITY COMMISSION FOR ENGLAND AND WALES

Independent examiner's report on the accounts

Section A Independent Examiner's Report

Report to the trustees/ members of	Charity Name UK Society for the Exploration and Development of Space		
On accounts for the year ended	Period ended 30 March 2023	**Charity no (if any)**	1182239
Set out on pages	1-18		

I report to the trustees on my examination of the accounts of the above charity ("the Trust") for the year ended **30/3/23**.

Responsibilities and basis of report

As the charity trustees of the Trust, you are responsible for the preparation of the accounts in accordance with the requirements of the Charities Act 2011 ("the Act").

I report in respect of my examination of the Trust's accounts carried out under section 145 of the 2011 Act and in carrying out my examination, I have followed the applicable Directions given by the Charity Commission under section 145(5)(b) of the Act.

Independent examiner's statement

I have completed my examination. I confirm that no material matters have come to my attention in connection with the examination which gives me cause to believe that in, any material respect:

- accounting records were not kept in accordance with section 130 of the Act or
- the accounts do not accord with the accounting records

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in order to enable a proper understanding of the accounts to be reached.

Signed:	FJ Wilde	**Date:**	29/01/2024
Name:	FJ Wilde		
Relevant professional qualification(s) or body (if any):	FCCA DChA		
Address:	4 Marigold Drive Bisley Surrey GU24 9SF		

UK STUDENTS FOR THE EXPLORATION AND DEVELOPMENT OF SPACE

England & Wales - Charity number 1182239

Accounts

UK STUDENTS FOR THE EXPLORATION AND DEVELOPMENT OF SPACE

Annual Report

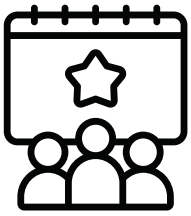
2021 - 2022

Chair: Antonio Duduianu
Prepared by: Mary Walker & Zaria Serfontein

Thousands of students. Dozens of universities. One vision.

We are UKSEDS.

Our competitions give students valuable technical and transferable skills.



Events for academics, students, and employers to network, share knowledge, and discuss the challenges facing the sector.

Careers advice through our award-winning SpaceCareers.uk brand, the only website of its kind.

CHAIR'S REFLECTION

A year no one will likely forget, with “unprecedented” events all around the world and constant ups and downs, it was certainly no different for UKSEDS either. With numerous new initiatives, connections, and successes, I could not be any prouder of what we have managed to achieve over the last 12 months.

From 500+ jobs uploaded on our now 7-year-old SpaceCareers.uk website, to almost 2200 children taking part in just one of our Outreach activities, to 5 competitions (2 new) for university students, 5 potential astronauts from low socio-economic backgrounds supported in their applications with a bespoke bursary, and over 1 million impressions on our Twitter page alone, every single team within UKSEDS has smashed it out of the park!

A big target for this year was to also improve contact with our members and branches, and to provide them with more opportunities and collaborations than in previous years. A new team of Regional Coordinators was set up, each dedicated to universities and societies in defined areas of the UK as points of contact. They have broken all previous records and helped us reach a staggering 38 branches (40% more than ever before!) and 1250 members. I’m looking forward to seeing the team bring more and more opportunities to our branches next year after the willingness we have already seen from local organisations to support our members.

We are also incredibly thankful for the support we have personally received as a charity, from both individuals and organisations, who have dedicated their time and expertise to provide us with advice and resources. We have set up a new Board of Advisors and we cannot stress how valuable their efforts have already been in helping us increase our outreach and to get through more challenging situations.

As an organisation run solely by students and recent graduates, all contributing in our spare time to help advance the space sector and provide new and exciting opportunities for the next generation of space enthusiasts, I have been constantly impressed by the attitude, passion, and determination of everyone around. It has been an immense pleasure to lead UKSEDS over the last year alongside an outstanding team of Exec, and I cannot wait to see what next year will bring for the organisation and everyone involved!

SpaceCareers.uk
Astrophysicist
Electrical Engineer
Astronaut
Systems Engineer
Project Manager
Meteorologist
Aerodynamicist
Propulsion Engineer
Radio Engineer
Oceanographer
Astronomer
Earth Observation Scientist
Astrobiologist
Agricultural Data Analyst
Software Engineer
Planetary Scientist
SPACE CORP
UNIVERSITY
Researcher
Doctor
PEAKE & ASSOCIATES
Insurer
Lawyer
Camera Operator
Spacecraft Operator
Assembly Engineer
Robotics Engineer
Technician
Lecturer
ACME INC.
Navigational Scientist
Disaster Response Coordinator
Space is everywhere. Find your space career at SpaceCareers.uk

EDUCATION

Equipping students with the necessary skills, knowledge and experiences to succeed in the UK space sector is at the **core of what we do at UKSEDS.** Through our careers website, competitions, events, and projects, we foster a community for students to network and engage with industry professionals, and improve their technical and soft skills. This year, we slowly saw the return to in-person events and continued to deliver our online activities.

SpaceCareers.uk

521	2,220	512,000+	3.2M+
jobs uploaded in the last year	jobs uploaded since launch	views in the last year	views since launch

From February 2021, SpaceCareers.uk saw 144,000+ visitors! Behind the scenes, our team continued to upload jobs, host webinars, and create resources, this year focused on improving the diversity of people and jobs we feature. In response to popular demand, we started our **Career Change** series of interviews and articles to show people of all backgrounds that a career in space is possible for them; we saw a remarkable increase in enquiries as a result of this.

We continued to host instalments of the **Careers Launch Online Webinars**, whilst returning to attending in person careers talks and events. The 9th and 10th instalments discussed 'SPINternships' - exploring SPINterns through the eyes of previous students, those who created the scheme and employers offering placements - and 'Post-16 Options', delving into career prospects for students and different routes into the sector. After a long hiatus, we also saw the return of the SpaceCareers.uk Instagram account. Following this, the careers team are looking to expand our reach through a series of webinars on how to be successful in securing space-related jobs and utilising social media to highlight our lives and experiences in the space sector.

Our SpaceProjects.uk scheme, in collaboration with SUN, provides the framework for students to do their final-year project remotely with a space company. Launched in March 2021, and now supported by the UKSA, ESA BIC UK, and the Satellite Applications Catapult, the scheme has already lined up five individual projects and one group project which started in October 2021 - giving students space experience before they graduate. SpaceProjects.uk also has a fresh new look; be sure to check out our new website!

EVENTS

34th National Student Space Conference

5th - 6th March 2022 | King's College London
500+ in person tickets, 500+ virtual tickets
30 Sponsors & Supporters

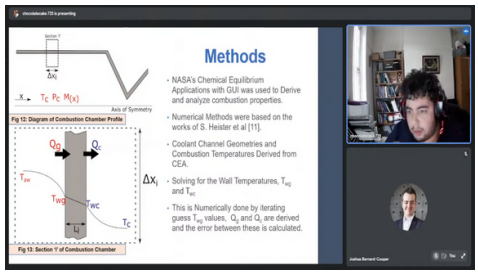
This year, we were delighted to return to an in person edition of our flagship event, while still maintaining elements of last year's hit virtual conference. In keeping with this years theme of championing diversity, our speakers were a multidisciplinary group of the UK's leading academics and professionals, emphasising that space is not purely for STEM students, but anyone who wants to join our rapidly expanding sector.

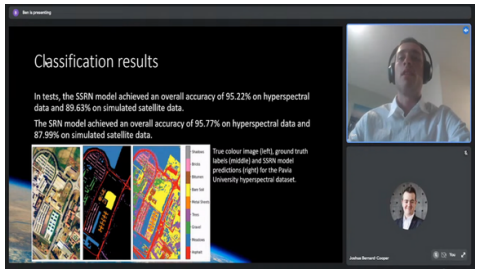
We hosted the record-breaking UK Spaceports Panel, Space Data Panel, and STEAM panel. Further talks included ISS operations, space microbes, analogue astronaut missions, space architecture, and spaceflight through the lens of a writer and filmmaker. Our keynote speaker, Katy Haswell, gave us insights into broadcasting launches from the Guiana Space Centre. We concluded the weekend with a workshop on effective time management and avoiding burnout, a topic of great importance for individuals in our sector.

For the 7th year running, we continued our collaboration with Airbus on a student presentation competition. For those not able to attend in-person, we also streamed the conference live and reactivated last year's conference Discord server.

Student Space Symposium

9th October 2021 | Nebula
Sponsors: AstroAgency, BryceTech, BIS





After the success of last year's event, the Student Space Symposium returned for a 2nd round! The event gave students the opportunity to write and present a space-related paper. From all submitted abstracts, 16 students were chosen to continue writing their papers, 13 of which were presented live at a virtual event. These papers covered a wide range of topics, including artificial intelligence for Earth observation, reusable rocketry, Martian exploration robots, astrophysics, levitation in hypergravity, and more. Of the 13 papers, 7 were accepted to be published in the next edition of the Journal of the British Interplanetary Society (JBIS).

Terra_Nova Hackathon

15th - 17th October 2021 | Nebula
Partners: Spaceport Cornwall, ESA, SSPI

UKSEDS' annual hackathon returned virtually for its second year. This year's theme was sustainability, with 3 interdisciplinary challenges on offer for students from technical and non-technical backgrounds. Teams could choose to design a satellite which meets an environmental objective to be launched from Cornwall in 2022; visualise sea ice thickness using data from Envisat and CryoSat-2; or design an initiative to raise the UK general public's awareness of the importance of space in fighting climate change. The winning submissions for each challenge were showcased by UKSEDS at COP26, the UN's 2021 global climate summit, to demonstrate both the contribution of the UK to the UN's Sustainable Development Goals (SDGs) and the innovation of its students and young professionals.

SpaceBar

Fortnightly on Thursdays

We also partnered with AstroAgency to deliver SpaceBar, a virtual-first networking event attended by over 100 space enthusiasts and professionals fortnightly on Thursdays at 7pm BST.

Now running for almost two years, SpaceBar connects space professionals and enthusiasts with discussions around current (and sometimes controversial) topics. Notable guest speakers include Helen Sharman, Tim Peake, Dr Kevin Fong, Dr Lucy Roberts, Max Alexander, and many others, while regularly co-hosted by Dallas Campbell and Dr Suzie Imber.

Industry Conferences

Space-Comm Expo | July 2021, Farnborough
Ignite Space | November 2021, Edinburgh
Space to Connect | February 2022, London

We've also secured more stands this year at events and conferences, alongside stakeholders of the industry. You might have seen us at the Space-Comm Expo at Farnborough last July or at Space to Connect in February in London.

At Ignite Space, we even helped organise and run the networking reception as a SpaceBar style event alongside AstroAgency.

The events helped us strengthen already existing relationships with companies and organisations that already knew us, whilst also putting us on the map for new ones, starting new collaborations and some even turning into sponsorships at NSSC 2022 as a result.

Pictured : *(top) UKSEDS volunteers at Ignite Space, (bottom) UKSEDS volunteers at Space to Connect*

26th UN Climate Change Conference of the Parties (COP26)

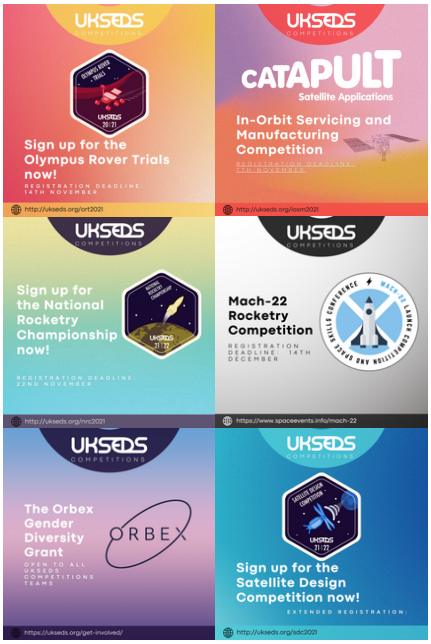
31st October - 12th November 2021, Glasgow

UKSEDS representatives were invited to participate in COP26 as part of the Space4Climate stand and present the Terra_Nova Hackathon winners. The summit brought together key actors in the global community to accelerate action towards the goals of the Paris Agreement and the UN Framework Convention on Climate Change. **Space4Climate** was representing the UK's Earth observation and space community, highlighting the role of space in tackling climate change and specifically showcasing the UK's world-leading expertise in climate science and climate services.

Space4Climate was also present at NSSC 2022, with an interactive globe (PufferSphere) and interactive table providing an intuitive visualisation of climate science data and highlighting case studies from around the world. Sustainability was a reoccurring theme in UKSEDS activities in 2021 and is a theme that will be carried forward in future activities.

Pictured: *UKSEDS volunteers Hannah Rosenbaum and Jacob Smith representing us at Space4Climate's Youth Takeover at COP26*

COMPETITIONS



This year saw the return of our core competitions: rocketry, rover and satellite. In addition, we launched two new competitions centred around CanSats and larger rockets, and in-orbit manufacturing and servicing. Despite COVID restrictions affecting universities, our competitions saw 169 active students progress through all the milestones over the year to their respective competition days, developing the practical skills which will prepare them for working in the space sector.

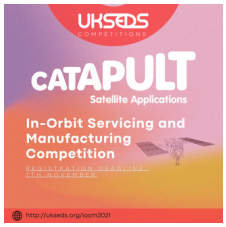
We continued to encourage diversity through the Orbex Gender Diversity Grant, and the introduction of our In-Orbit Servicing and Manufacturing Competition that not only focused on STEM skills, but also included a business element, stimulating teams to think of the commercial viability of their ideas.

Mach-22

12 Teams Registered
Partners: UK Launch Services Ltd, Discover Space UK

We've partnered with Discover Space UK and UK Launch Services Ltd to organise the Mach-22 Launch Competition. Held at Machrihanish Airbase in Scotland, the competition involves teams of university students designing, building and launching both Rockets and CanSats (satellites integrated within the dimensions of a soft drinks can). The launch event in June will see rockets launch up to 2.5 km, whilst giving students the chance to attend **hands-on Space Skills Workshops** and network with members of the UK Space Industry. This will be an annual competition, with student launch opportunities expanding every year. Exciting times ahead!

In-Orbit Servicing and Manufacturing (IOSM)



13 Teams Registered
Partner: Satellite Applications Catapult
Sponsors: Frazer-Nash, D-Orbit, Clearspace, LMO, Space Forge, Airbus, UKSA, Astroscale

We're collaborating with Satellite Applications Catapult to run a new student competition based around **In-Orbit Servicing and Manufacturing**. The competition invites students to design their own missions related to IOSM, and justify their mission proposals from both business and engineering perspectives.

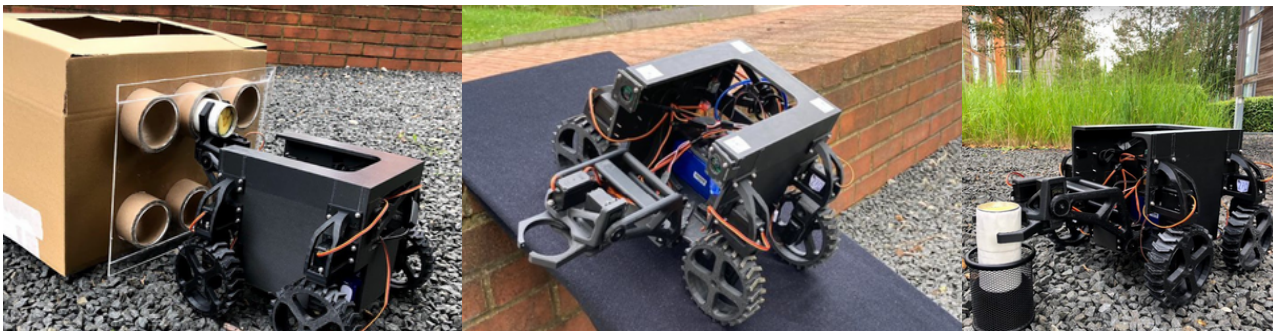
Teams will ultimately pitch their business proposals to a panel of investors in a Dragon's Den style scenario. Students will gain exposure to a range of topics, from active debris removal to microgravity manufacturing, and the competition will give interdisciplinary teams of students a stepping stone into the field, with experience in mission design, engineering, business development, and other industry-relevant skills.

Olympus Rover Trials (ORT)

14 teams registered
Sponsors: Airbus, RAL Space
Supporters: Space Forge, Oxford Space Systems, Teledyne e2v, TAS, GMV

Airbus and RAL Space have continued to support ORT, currently in its fifth instalment. The competition challenges teams to design, build and test small rovers with the objective of navigating a Martian surface. This year the competition involves traversing a sampling area, retrieving cached samples and returning to a lander, with greater emphasis placed on power management and efficiency. Teams are currently working towards their Critical Design Review (CDR) which will be reviewed by industry experts in the coming weeks.

Last year, teams presented their work at a virtual competition day and competed in a Mars rover themed game, created especially for the competition by 4wardFutures. Teams were able to give live demonstrations of their rovers grabbing cables, traversing rough terrain, inserting the cable into a simulated power distribution unit and decoding April tags. Overall winners (including best Mission Design and best Presentation): **Southampton Spaceflight**, University of Southampton. Best CDR and best Prototype: CranSEDS, Cranfield University. For their novel remote arm operations implementation, TokaMars from the UK Atomic Energy Authority was presented with the Innovation Award.

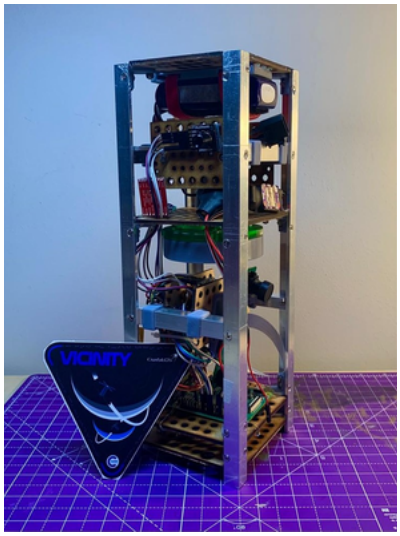


Winners *- Best CDR and Best Prototype: CranSEDS, Cranfield University*

Satellite Design Competition (SDC)

11 teams registered
Sponsors: Airbus, SSPI

Our fifth instalment of the Satellite Design competition, sponsored by SSPI and Airbus, will finally have an in-person competition day for the first time. This year teams are challenged with designing and building a prototype 3U CubeSat, capable of detecting the properties of a piece of space debris and grasping the debris in a simulated space environment. Teams are currently working with their mentors towards the CDR deadline in March where their work will be reviewed by industry experts.



Overall Winners *- Vicinity, CranSEDS, Cranfield University*

***Overall Winners** - Vicinity, CranSEDS, Cranfield University*

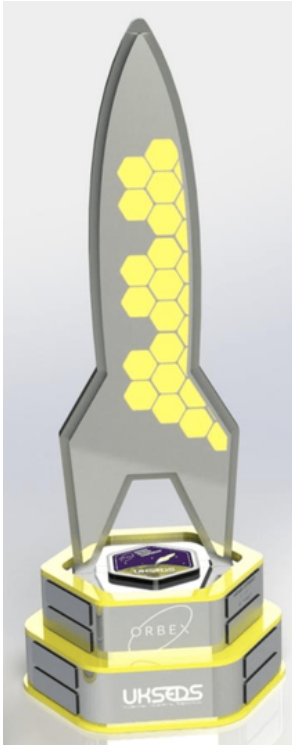
Last year's virtual competition showcased five teams presenting their designs. Vicinity, from Cranfield University, won the overall competition, in addition to the best Critical Design Review, the best Technical Readiness Review, the best Presentation and the best Prototype. StrathAIS, from the University of Strathclyde, was awarded the best Extended Design Review. Despite the challenges of the Coronavirus we had one team this year who still managed to build and test their Satellite with great results and the other teams managed to pivot seamlessly to adapting their designs to become a realistic mission analysis.

UKSEDS Orbex National Rocketry Championship (NRC)

28 teams registered
Sponsor: Orbex

Now in its ninth instalment, the NRC challenges teams to design, build and launch a mid-power amateur rocket to reach the greatest possible apogee, this year with the mandatory inclusion of a payload and bonus points for good-quality GPS data from the launch. Teams are working towards submitting their Design and Build reports, to be reviewed by the competition team.

Last year, the addition of Orbex as our title sponsor enabled us to offer teams match-funding, and despite difficult Covid conditions, we still saw several teams able to build and launch their rockets. Project SunrIde (University of Sheffield) won the competition by reaching an altitude of 1,474 m, the third highest altitude ever recorded for this G-class motor in the UK. Unspecific Impulse (University of Birmingham) won the Extended Design Review, with an impressive and detailed report. Both teams will visit the Orbex facilities for a hot-fire engine tests and their names will be engraved, alongside previous winners, on our new rocketry trophy.



***Pictured**: The new Orbex NRC trophy*

***Winner** - Unspecific Impulse, University of Birmingham*

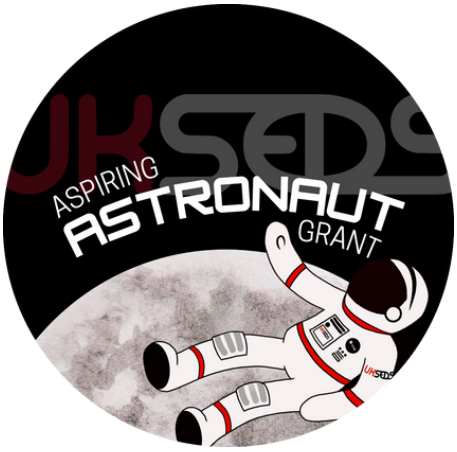
***Winner** - Project Sunride, University of Sheffield*

DIVERSITY & ADVOCACY

Our Diversity team has been renamed to 'Diversity & Advocacy' to reflect their role within UKSEDS more accurately, advocating to industry and academia for all students' needs. In particular we campaign for greater support of students, and the involvement of students and diversity in the development of strategy and policy in the space sector.

The recent census by the Space Skills Alliance identified a "leaky pipeline" between education and the space sector, where the diversity of students in education does not match the diversity of employees in the sector. We are researching the topic, aiming to examine this issue and determine its cause. Our survey was filled out by almost 500 students studying at UK universities and we are currently compiling the data.

The Diversity & Advocacy team are also in the process of setting up a 'hardship fund' for rollout in September. Additionally, we've been trying to encourage more diversity in our competitions with the help of Orbex's Gender Diversity Grant.



Aspiring Astronaut Bursary

Funded 5 Potential Astronauts

UKSEDS has successfully selected and funded five potential future astronauts via our **Aspiring Astronaut Bursary initiative**, which covered medical certificate costs for students from a low socio-economic background.

They also had the opportunity to attend a personal CV workshop session provided by EVONA. We wish them all the best of luck in their application!

OUTREACH

Following the continuation of virtual engagement in many organisations in 2021, the UKSEDS Outreach Team has continued to adapt to provide virtual opportunities to promote space to younger audiences. In addition to a growing number of enthusiastic volunteers in the Outreach Team, we have run two iterations of the Space Jobs Challenge, a competition where school pupils aged 9-11 write letters applying for different jobs in the space industry. These competitions have led to engagement with a whopping 3,000 school pupils through the year. We are in the process of developing further opportunities for older students (aged 16-18), so watch this space in the coming months for more announcements!

Space Jobs Challenge

Almost 2,200 Submissions

Students in Years 5 & 6 from 75 primary schools wrote in 'applying' to be either an astrophysicist, an astronaut, a space chef, a space suit designer, climate scientist, or an engineer. This was to raise awareness of the variety of careers in the space industry, while also making the young people aware of the skills they already have and how they could apply them.

With 2198 submissions, choosing a winner was incredibly difficult! Every submission received in return a certificate for taking part, as well as advice on how to follow the path that they applied for. Oughtrington Community primary school was the overall winner, receiving a space-themed Q&A with Lucinda Offer and two class sets of space books, courtesy of RAS.

Space Jobs Challenge Overall Winners *Oughtrington Community Primary School*

Student Space Essays Competition

Essay competitions are commonly run by universities to give students a chance to discuss interests that aren't catered for in the curriculum, while also proving their interest in a certain subject and giving them a taste of university work. Whilst still finalising the final details and timeline of the competition, the choice of essay title will be:

- Where should we explore in the Solar System next?
- Why should we fund space missions?
- Space debris - why is it a problem?

OPERATIONS

Membership

Despite the current situation and its impact on students and the activities of our branches, the UKSEDS Membership Team has broken several records. The creation of four UKSEDS national regions and the formation of our Regional Coordinators team has helped increase the number of branches to 38, surpassing the previous record by 40%. In addition, we have also redeveloped the **Branch Guide** and provided advice for events, boosted engagement with branches through frequent emails and 1-2-1 meetings, and organised an in person gathering at NSSC 2022. The team has worked hard to outline plans to provide branches with even more resources to achieve their goals and to foster communication and collaboration, including a larger and better organised bursary.

Yet, that is not all. Our discord server now has more than 800 members, and we have connected over 20 space enthusiast students and experienced professionals through our Mentorship Programme. We are at an important moment in the development of the space sector, and we will continue to serve, inspire and support students from all UK universities.

Our main targets for the next year are to reach out and connect with potential branches from aspirational areas looking to get more involved in the space sector, while also getting more involved with academic networks like SUN, SPAN, and SPRINT, from where we can create a consistent presence at universities and a better support network for our members.

Our current stats:

1250 Members

140 Volunteers

38 Branches

Board of Advisors

This year, we wanted to start better recognising the amazing people that have been helping us continuously grow as an organisation. As a result, we're hugely delighted announce our new Board of Advisors, consisting of:

- Alex Marinova (First Steps Legal)
- Alfredo Carpineti (IFL Science)
- Daniel Smith (AstroAgency)
- Kathie Bowden (UK Space Agency)
- Harriet Brettle (Astroscale)
- Katherine Courtney (KCourtney BIS)
- Libby Jackson (UK Space Agency)
- Liz Seward (Airbus)
- Matthew Goodman (Ordnance Survey)

We are incredibly grateful for their help in the past, and continued support as official advisors.

PARTNERSHIPS

To extend our reach, provide better resources to our members and better represent our members in the space sector, we became part of several committees and have strengthened our relationships with key partners in 2021.

Opportunities such as SpaceBar allow us to connect industry, academia and professionals in a much more relaxed and informal setting, where drunken rants are discouraged, but passionate discussions are encouraged.

Members of our executive committee regularly attend Space & Satellite Professionals International (SSPI) UK Council and Board Meetings, Space Universities Network (SUN) Working Group Meetings and are now part of the UK's Space Skills Advisory Panel (SSAP).

We've continued our valuable partnership with the British Interplanetary Society (BIS), now including the BIS NextGen Network, kept in touch with organisations such as the Space Generation Advisory Council (SGAC) and are grateful for the continued support from the UK Space Agency, including their direct involvement in several of our initiatives. We've created new partnerships with organisations such as Space4Climate, promoting the role of space in tackling climate change, and Fistral, who will be providing project management training for our incoming executive committee and team leads.

We also have to thank Satellite Applications Catapult for their support to help us develop the SpaceCareers.uk website, and helping us get in touch with key people in multiple regions of the country, to help our own team of Membership Regional Coordinators.

We look forward to seeing what we can achieve together in the next year!

Pictured: *UKSEDS Chair Antonio Duduianu and the AstroAgency team at Ignite Space 2021*

Grab a drink of your choice and join us at the next SpaceBar!

FINANCES

Due to the pandemic, and the significantly reduced expenditure associated with virtual events, UKSEDS has seen another yet record growth in financial assets, and continues to maintain a healthy financial position. Despite the loss of all income from ticket sales, as we chose not to charge for our virtual events, our operating expenses were covered due to the generosity of our external sponsors. With the restructuring of UKSEDS' into a Charitable Incorporated Organisation, all assets have now been fully transferred to the new bank account associated with the new charity, as indicated* in the table.

One of the largest expenditures for this financial year was for our 'Aspiring Astronaut' scheme where we provided approximately £1,500 in bursaries to cover the medical costs of applicants from low socio-economic backgrounds applying to become an ESA astronaut.

	01 Dec 2019 - 30 Nov 2020	*01 Dec 2020 - 30 March 2022*
Starting Balance	1,433.73	35,886.48
Income	13,331.13	49,598.31
Expenses	1,608.40	24,905.43
Profit	11,722.73	24,692.88
Net transferred between UKSEDS charities*	22,730.02	0.00
Closing Balance	35,886.48	60,579.36

These accounts were approved on behalf of the UKSEDS board on the 26th January 2023 by Zaria Serfontein, current chair (executive trustee).

Considering the financial position UKSEDS finds itself in, it was deemed appropriate to begin to introduce grants for our regional branches to carry out projects that they may not have otherwise been able to afford, and to also set up a fellowship scheme for disadvantaged students to purchase study materials or travel to events. These grants will be rolled out as part of the upcoming financial year. We additionally provided £2,500 in funding to enable members to travel and attend NSSC, helping 98 students to do so. We are also investing a significant amount of money in rebuilding the SpaceCareers.uk website, improving its functionality and enabling us to create even more connections between students and industry.

As the annual handover of the executive committee is in March, it was decided to extend the current financial year to the end of March to more closely align the UKSEDS financial year to the executive committee changing hands. This has the effect of causing all future financial years to run from the 31st of April to the 30th of March respectively.

MARKETING

The UKSEDS marketing team underwent substantial restructuring this year, with the recruitment of 8 additional volunteers from the initial single volunteer heading up the team.

Further to note is the extensive internal processes improvements made, including a formalised marketing request system, the development of a custom task management board in Notion, upgrading our social media content scheduler, and investing in additional platforms to aid in the production of content and artwork.

The results of this speak for themselves. The team have collectively completed over 100 tracked tasks and well over 150 individual pieces of work, ranging from graphics to documents to fully-fledged social media campaigns.

Impressions: 1,068,700
New followers: 508

Impressions: 247,695
New Followers: 1,542

Impressions: 12,700
New Followers: 55

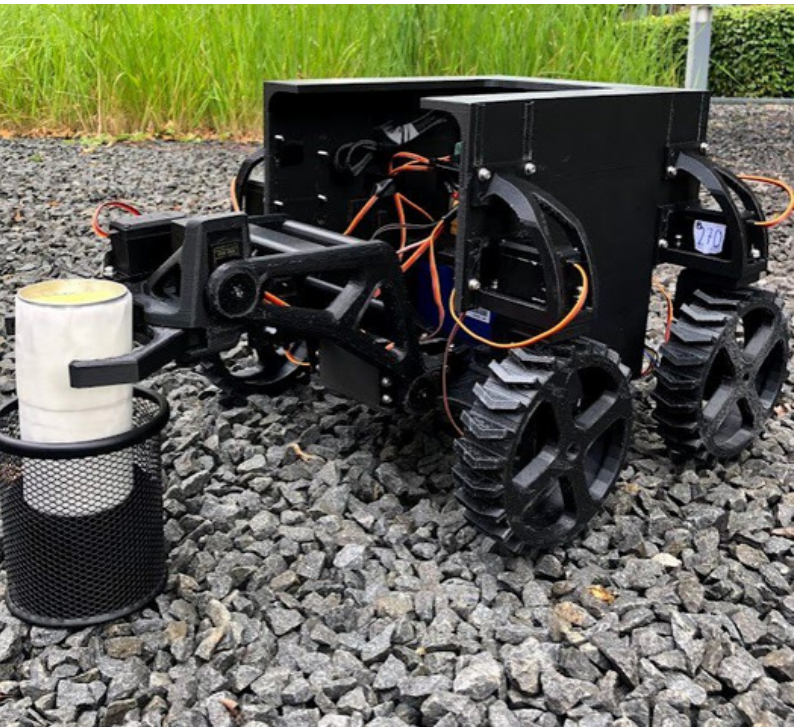
Impressions: 3,063
New Followers: 71
Last 90 days*

Our considerable growth on LinkedIn has allowed us to strengthen our relationships with industry and solidify our positioning within the sector.

Going forward, the marketing team will be looking to refine the content pillars to better serve the student audience, working to create more unique educational content. Also of importance to the team in the year ahead is strategy, including working to better define UKSEDS' audience personas, and utilise available data to improve the segmentation, targeting, and positioning of communications and offerings.

The UKSEDS marketing team lead would like to thank Hannah Rosenbaum, Susana Domene Marin, Sanaa Mughal, Shreenidhi Srinath, Sian Twigg, and Melissa Azombo for continually going above and beyond in producing work of the highest standard. Their hard work, dedication, and sacrifices are directly responsible for the success of the organisations' marketing activities over the last year, in particular the success of the NSSC 2022 integrated marketing campaign - which resulted in a sold out event despite the challenges posed by the post-COVID environment in the UK. This team exemplifies what is possible; a multidisciplinary community of talented individuals and, united in their passion for space, this group of young people collectively make up some of the brightest future talent this industry has to offer. They are each true champions of UKSEDS' mission to communicate opportunities to students and young professionals.

UKSEDS
UK STUDENTS FOR THE EXPLORATION AND DEVELOPMENT OF SPACE



UKSEDS TEAM

We are a registered charity no. 1182239

Our charitable objects are to advance education for the public benefit, by making a forum for the communication and exchange of ideas between students, educational establishments, industry and the general public; and to act as a resource for young people in the UK with an active interest in space, by providing advice and assistance to improve their knowledge base, skill sets, and hands-on experience.

Our Trustees and Executive Committee are elected by the Membership in accordance with our Constitution, and plan our activities with regard to the Charity Commission's guidance on public benefit, our Objects, and our long term strategy.

Executive Committee
Antonio Duduianu (Chair)
Zaria Serfontein (Vice-Chair)
Craig Orrock (Treasurer)
Hannah Rosenbaum (Secretary)
Em Truman
Jessica Goldie

Non-exec Trustees
Portia Bowman
Nick Shave
Julia Hunter-Anderson
Sheila Khanani
Andrew Bacon
Matjaz Viadmar

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ukseds.org

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London
SW8 1SZ

Volunteers

Aamina Bhutta
Aaron Singh Sidhu
Ahlam Abdi
Alex Kusmirek
Alex Yiannakou
Ally Marshall
Ana Paula Guevaracerdan
Anastasia Nairne
Anisha Shrestha
Anna Veldman
Arran Reedman
Beatrice Rodriguez Caresia
Campbell Drummond
Charlotte Crawshaw
Christian Musuyu
Christina MacLeod
Daniel Kingscott
David Sulley
Divyanshi Gupta
Donal McCaughey
Ed Fauchon
El Ward
Elizabeth Pasatembou
Emily Barrett
Emma Kirby
Emma King
Ethan Goldsmith Lister
Ewan Wright
Ferdy Turral
Fiza Zaman
George Newton
Guillermo Marvizon
Hannah Dawe
Holly Whitehouse
Isaac Caletrio
Ian Muirhead
Iulia Gamanusi
Jacob Smith
James Magson
Joanne Oliver
Joaquin Perez-Grande
Joel Mario
John Toop-Rose
Joshua Bernard-Cooper
Kaiyi Dai
Lamyea Ahmed
Lee Ellis
Lois Brewer
Magdalena Grzybek
Manraj Bhogal
Mary Walker
Matt Christie
Matthew Coyle
Melissa Azombo
Minerva Maheshwari
Mo Deera
Molly Service
Mona Elghzal
Nishika Chettry
Nathan Matthews
Nusaiba Al Wardi
Oliver Jeeves
Olivia Freestone
Ollie Graham
Pedro Leonardo
Radu Gradinariu
Ria Urban
Richard Davis
Richard Tait
Robert Field
Rosie Cane
Sam Harrison
Sam Raviraja
Sanaa Mughal
Sarah Lappin
Sarah Seeruthun
Saskia Campbell
Seonaid Rapach
Sharon D'souza
Shima Suresh
Shreenidhi Srinath
Sian Twigg
Sidhi Karavadra
Sophia Lee Roberts
Sophie Reece
Susana Domene
Tanjin Huda
Tee Jay Taiwo
Thomas Varnish
Thomas Woelker-Darley
Yash Kumar
Zainab Bikar

CHARITY COMMISSION FOR ENGLAND AND WALES

Independent examiner's report on the accounts

Section A Independent Examiner's Report

Report to the trustees/ members of	Charity Name UK Society for the Exploration and Development of Space		
On accounts for the year ended	Period ended 31 March 2022	**Charity no (if any)**	1182239
Set out on pages	1-16		

I report to the trustees on my examination of the accounts of the above charity ("the Trust") for the year ended **31/3/22**.

Responsibilities and basis of report

As the charity trustees of the Trust, you are responsible for the preparation of the accounts in accordance with the requirements of the Charities Act 2011 ("the Act").

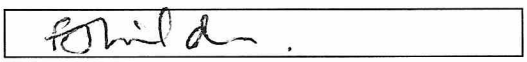
I report in respect of my examination of the Trust's accounts carried out under section 145 of the 2011 Act and in carrying out my examination, I have followed the applicable Directions given by the Charity Commission under section 145(5)(b) of the Act.

Independent examiner's statement

I have completed my examination. I confirm that no material matters have come to my attention in connection with the examination which gives me cause to believe that in, any material respect:

- accounting records were not kept in accordance with section 130 of the Act or
- the accounts do not accord with the accounting records

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in order to enable a proper understanding of the accounts to be reached.

Signed:		**Date:**	27/01/2023
Name:	FJ Wilde		
Relevant professional qualification(s) or body (if any):	FCCA DChA		
Address:	4 Marigold Drive Bisley Surrey GU24 9SF		

Section B Disclosure

Only complete if the examiner needs to highlight matters of concern (see CC32, Independent examination of charity accounts: directions and guidance for examiners).

OUR WORK IS MADE POSSIBLE BY

OUR CORPORATE PARTNERS

AIRBUS

SKYRORA

ADDITIONAL SPONSORS AND SUPPORTERS

4WARD FUTURES
Disrupt – Enrich – Empower

ASTROAGENCY

Astroscale

BAE SYSTEMS

THE BRITISH INTERPLANETARY SOCIETY

BENCHMARK SPACE SYSTEMS

bright ascension

BRYCE TECH

CATAPULT
Satellite Applications

CGI

clearspace today

Discover Space
UK Space Port

D-ORBIT

esa

esa business incubation centre

UK esero

SPACE SECTOR RECRUITMENT

FIRST STEPS LEGAL

Fistral
Training and Consultancy Ltd.

FRAZER-NASH CONSULTANCY

gmv
INNOVATING SOLUTIONS

HE SPACE
it's all about people

inmarsat

IOP Institute of Physics

KISPE

LMO

Ministry of Defence

ORBEX

OXFORD SPACE SYSTEMS

UK Quantum Technology Hub
Sensors and Timing

RAL Space

Reaction Engines

ROYAL AERONAUTICAL SOCIETY

Royal Astronomical Society

UKRI Science and Technology Facilities Council

South Coast
Centre of Excellence in Satellite Applications

SPACE4CLIMATE

SpaceCareers.uk

SPACE FORGE

SPACEPORT CORNWALL

SpaceProjects.uk

SPACE STORE

Space Universities Network
Supporting the Space Higher Education Community

SSPI

ThalesAlenia Space
a Thales / Leonardo company

UKLSL

UKSPACE
THE SPACE TRADE ASSOCIATION

UK SPACE AGENCY

UK STUDENTS FOR THE EXPLORATION AND DEVELOPMENT OF SPACE

England & Wales - Charity number 1182239

Accounts

UKSEDS

ANNUAL REPORT 2020-21

MARCH 2021

What a year. No one at an event venue, no team meet-ups, and no leaflets handed out. And I couldn't be more proud of the team. In what has been the most challenging year of most people's lives, there has been no lack of energy, no loss of optimism, and crucially, no lack of mutual support at UKSEDS. We have innovated and improved, and our reach to the student space community and general public has been greater than ever before.

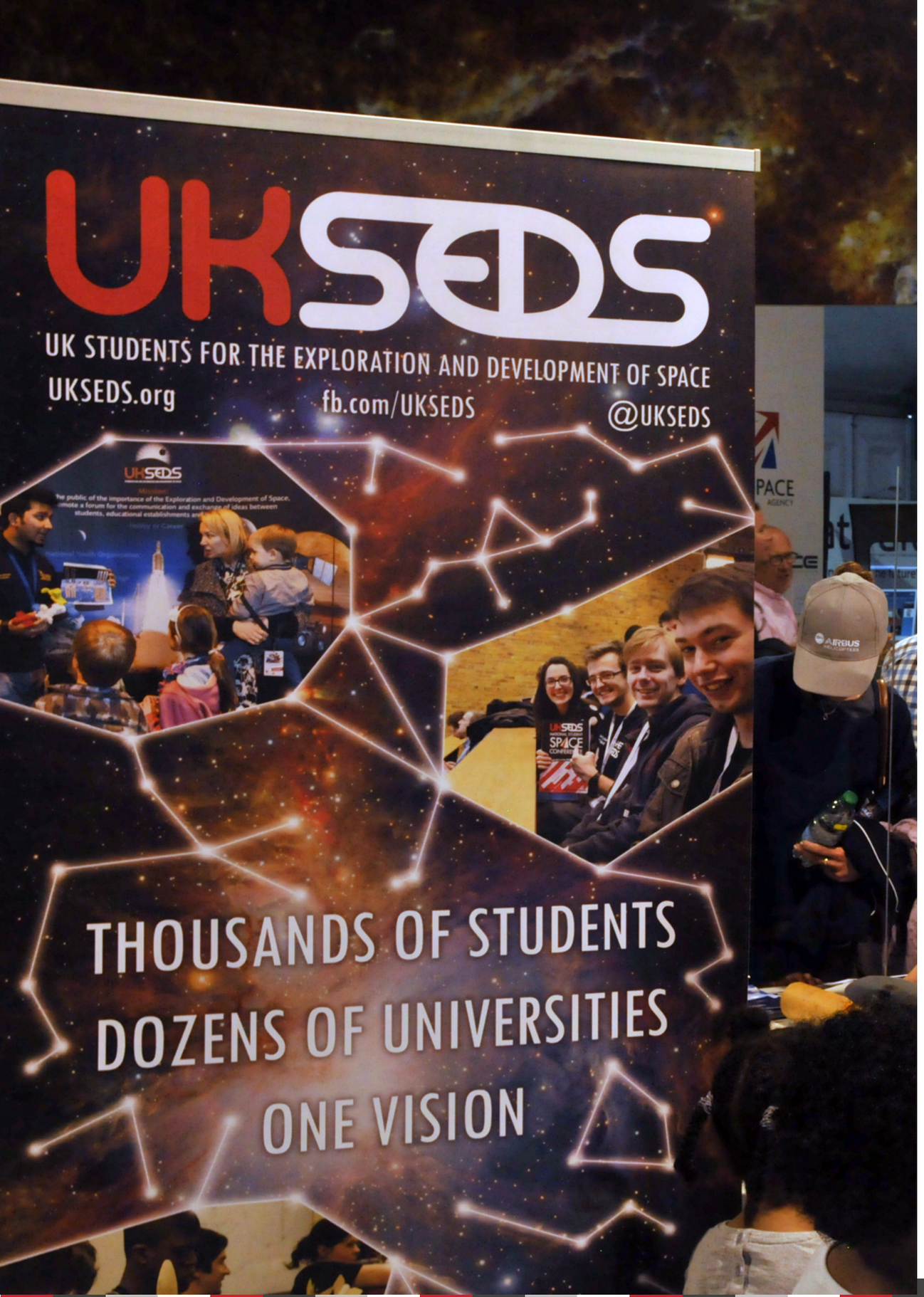
Supporting young people is what we do, and the new ways we have been doing so this year have been a wonder to see. We launched a podcast, ran monthly careers webinars, launched a new website of educational activities for school students to do at home, collaborated with SEDS chapters around the world in a variety of events, moved NSSC online, and as if this wasn't all enough, we also created the Student Space Symposium - a new opportunity for our members to gain key skills by writing and presenting papers. It was incredible to see our competitions continue remotely, and this year expand to challenge teams in new ways and better prepare them for a career in industry. SpaceCareers.uk also continues to grow, now achieving in excess of 50,000 views a month, and remains the leading resource for young people to find their careers and advice.

Improving links both with and between our members, branches, and alumni, was a key priority this year. Now with a Discord server - a place for members to meet and discuss space-related topics, an alumni-member mentorship programme, and a long overdue revamped Branch Guide, we hope foundations laid this year will enable better opportunities for all parts of the UKSEDS community. We have also engaged more with our stakeholders this year, distributing for the first time a bi-annual Stakeholder Update, and advocating on behalf of young people on issues including job opportunities and inclusion at several events and in an international magazine.

Making our community accessible and welcoming to everyone remains fundamental. This year we added a local approach to these values, supporting our branches directly by writing a Diversity and Inclusion Handbook to help them improve their activities and societies. As a student society, it is paramount that we don't close the doors to the sector on anyone at the first stage in their careers, make young people aware, and give them the skills to be inclusive. We continued this conversation on the national level, bringing people from across the sector together to share their experiences and advice at our second Diversity in Space Careers event in January, another example of how we have become a leading voice for change within the UK space sector.

Our organisation has grown drastically to a group of 80 incredible volunteers, enabling great productivity whilst also necessitating additional structures around retention and management. The Executive Committee have been truly outstanding in growing our volunteers, our activities, and new and existing relationships with space organisations; and they have been an absolute pleasure to work with. Surrounded by engaged stakeholders and dedicated young people who represent the future of the space sector, my time as Chair has been the best, most rewarding experience of my life, and I can't wait to see UKSEDS change the lives of so many more people across the country in the years to come.

Jacob Smith
Chair



THOUSANDS OF STUDENTS.
DOZENS OF UNIVERSITIES.
ONE VISION.
WE ARE UKSEDS.

Our mission is to engage young people with the space sector.

We have a vision of a thriving UK space sector in which young people play an active role.

We want to be an organisation that is an integral part of the UK's space sector, and that is recognised and engaged with as such by industry, government, and academia.

For students, we want to be the go to place for space careers information, and provide a wide range of opportunities to gain new skills and engage with the sector.

For the sector, we want to be the organisation that others come to when they are looking to recruit and engage with students.

Our strategy to achieve this focuses on four key areas:

Education

Advancing our members' knowledge, skills, and experience

Outreach

Promoting space to the public and school students

Advocacy

Representing and advocating the role of students within the space sector

Operations

Working 'behind the scenes' to enable our other activities

Education

Our education programme aims to advance university students' knowledge, skills, and experience so that they are equipped to be active members of the UK's space sector.

The core parts of this programme are our careers website plus our events, competitions, and projects, which provide opportunities to gain new skills and experience, both 'soft' and technical.

A key objective for the year was to encapsulate the experience of physical events within the online medium, while continuing to increase the range of topics we cover.

SpaceCareers.uk

With 2020 marking the 5th birthday of our early careers website, SpaceCareers.uk, this year was one of milestones, adaptation and more. The new year also brought new challenges but SpaceCareers.uk has continued to thrive, even in these difficult times. Since its launch in December 2015, the website has amassed over 1.8 million views, with an increase of 500,000 since last year alone. Along with our page views, the number of interviews, articles and job profiles has also increased, with careers resources for students across the country becoming more important during the global pandemic.

Disruption to our usual physical events schedule has seen SpaceCareers.uk adapt and press forwards, with over 10 episodes of our online webinar series "Careers Launch Online" produced since the beginning of 2020. The series has seen a variety of panels, companies, and individuals share their experiences and personal tips on how to access the space sector, with experts from a range of backgrounds giving insight into their daily jobs. With events now online, accessibility for students and young people across the country has increased, and SpaceCareers.uk has thrived when faced with the challenges of 2020. We hope to continue our online events through the coming year, and resume physical activities soon!

Events Programme

Student Space Symposium

October 2020 | Nebula | 700+ views

In October, we ran our first ever Student Space Symposium. This new initiative provided UKSEDS members with the opportunity to write and present papers on space-related topics of their interest, with the chance to then publish their work. We received 68 brilliant abstracts from students across the country, 15 of which were selected for oral presentations at the symposium. Furthermore, a select few have now been selected for peer-review and publication in a special UKSEDS edition of the Journal of the British Interplanetary Society (JBIS), expected to be released in March 2021. All presented papers will be available on the UKSEDS website.

The Space Careers Show

November 2020 | Nebula | 400+ views

In celebration of our website turning five years old we hosted "The Space Careers Show", an educational event aimed at 11-18 year old students interested in getting involved with the sector. The show consisted of inspirational talks and panels, full of advice. It showcased the broad range of opportunities available and had further engaging elements including a live competition quiz and model rocket demonstration. A further event, specifically for members, was later held in December 2020, due to the successes of its predecessor.

Diversity in Space Careers

January 2021 | Nebula | 100+ views

Our second Diversity in Space Careers (DISC) Conference featured a variety of talks and panels exploring the importance of diversity and how individuals and organisations can better support those around them. We brought together a diverse group of space professionals to discuss their work, experiences, and what more needs to be done to make the space sector inclusive to all.

National Student Space Conference

March 2021 | Nebula | 2700+ tickets

This year, our annual conference was virtual. We had panels on space entrepreneurship, debris, the future of the UK sector, and spaceports, and we had a premier debate session on the topic of mega constellations. We also had three keynotes this year, Kathy Lueders, current associate administrator of the Human Exploration and Operations (HEO) at NASA, Timiebi Aganaba-Jeanty, assistant professor at the School for the Future of Innovation in Society at Arizona State University, and Prof. Yuichi Tsuda, project manager for JAXA's Hayabusa2 mission. For the sixth year, we collaborated with Airbus Defence and Space for the student presentation competition. In addition, we introduced a new opportunity for Ph.D. students to gain valuable speaking experience by offering two students individual speaking slots on their research.

Competitions

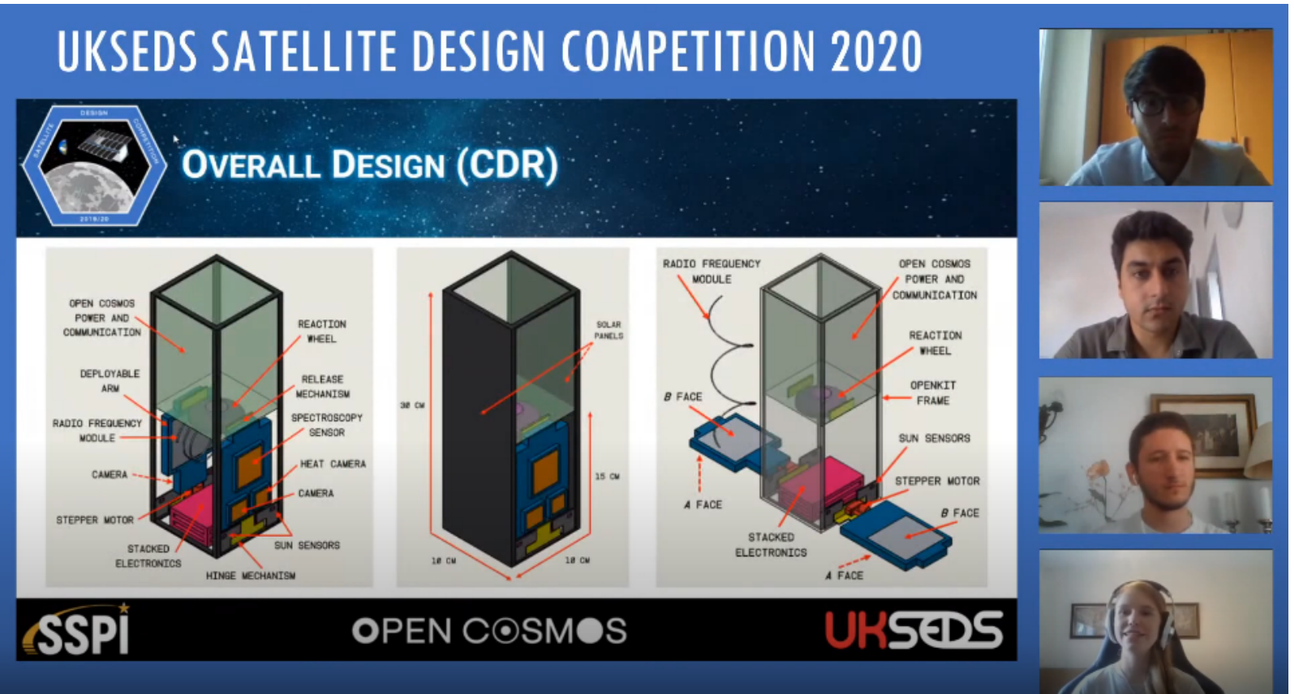
Despite the continuous cycle of adapting to new circumstances, we continued to run our competitions, even if they looked a little different. We still managed to grow, providing young people with more unique opportunities to develop practical skills which will prepare them for working in the space industry. This year we introduced workshops to prepare teams for participation in their competitions, and created the Orbex Gender Diversity Grant, in collaboration with Orbex. The grant offers full sponsorship to any team that consists of at least 50% women or non-binary members. We endeavor to encourage wider participation in the core technology aspects of launch vehicle, rover and satellite design and development, taking steps towards addressing the gender imbalance that exists within the space sector.

Satellite Design Competition (SDC)

11 teams

Our fourth Satellite Design Competition, in partnership with SSPI and now sponsored by Airbus, has yet again seen a rise in the number of competitors from 9 to 11 entrants. Continuing with last year's theme, the competition consists of a high-level mission and system design of a lunar CubeSat. Teams are currently working towards their CDR deadline in March where their work will be reviewed by their mentors and other industry experts. Following this, a selected few will progress to build and test their satellite in acquiring and analysing different sources of information on a simulated lunar surface.

Last year's competition day took place online (available here). The teams presented both their CDR and an extended design report, investigating the changes that would be necessary to adapt their CDR design to an realistic lunar mission. A live Q&A from our panel of experts followed presentations. Team GU Orbit, from the University of Glasgow, showcased a very detailed design with interesting adaptations and was the overall winner of the competition after winning both the best CDR and the best Final Report. SELENE, from Cranfield University, was awarded best presentation on the competition day.



Olympus Rover Trials (ORT)

16 teams

Airbus has joined RAL Space in sponsoring the fifth installment of the Olympus Rover Trials, currently in progress. The competition challenges teams to design, build and test small rovers with the objective of navigating a 'Martian' surface. This year, the Martian theme has evolved from a sample return mission to a new mission - assembling infrastructure on the surface of Mars. Teams are currently working towards their Critical Design Review (CDR) which will be reviewed by industry experts in the coming months.

Last year the build and test aspect of the competition was replaced with a Mission Design report, containing a detailed systems design of a realistic Martian rover mission. Teams presented their designs at a virtual competition day (available here). SUSF Phobos, from the University of Southampton, were the overall winners. They also picked up prizes for the best Mission Design report and the best Presentation, as well as sharing the best CDR award with Team Bath Roving from the University of Bath.

UKSEDS Orbex National Rocketry Championships (NRC)

28 teams

Now in its eighth installment, the NRC challenges teams to design, build and launch a mid-power amateur rocket with the primary goal of reaching the greatest apogee possible. This year, we included a mandatory payload as part of the design to align the competition more closely with the general purpose of rockets. With the addition of Orbex as the title sponsor, we can now offer teams matched funding, allowing more to take part. In addition, Orbex will invite the winning teams to join a test firing of their main stage rocket engine. The teams are now working towards completing their Design and Build reports due towards the end of March.

Last year, the competition was adapted to an online format, with teams submitting a more detailed Design and Build report. Cranfield Space Agency, from Cranfield University, won by reaching a theoretical altitude of 1121m with their rocket 'Message in a Bottle'.

Podcast

We're thrilled to have created Preparing for Launch, a new podcast providing entertainment, education, advice, and insight to our audience. Our first series of 10 episodes featured a wonderful variety of guests from different areas and roles within the sector, and has achieved over 1000 listens so far.

UKSEDS
UK STUDENTS FOR THE EXPLORATION AND DEVELOPMENT OF SPACE
PREPARING FOR LAUNCH
ENTERTAINMENT, EDUCATION, ADVICE, AND INSIGHT

Outreach

As for most people, 2020 posed a number of challenges for the outreach team. With national lockdowns imposed, we were unable to deliver our usual quantity of face-to-face outreach events, but the team continued to provide fun and educational space themed activities for everyone to complete virtually. All our outreach activities have been adapted so they can be completed at home using household craft items. Alongside these, a virtual escape room has also been produced, providing a fun interactive way for younger years to learn about a variety of careers within the space sector. We have a number of long term projects in the works too, so watch this space for exciting new announcements over the coming months!

Advocacy

Our advocacy programme aims to promote the views and concerns of students and young people within the space sector. In particular we campaign for greater support of students, the involvement of students and diversity in the development of strategy and policy.

Diversity & Inclusion

This year, diversity and inclusion has been a prominent consideration across the organisation, with the goal to create more inclusive spaces both within UKSEDS and the wider space community. This includes the creation of a Diversity and Inclusion Handbook, which gives guidance to UKSEDS branches in how their societies and events can be as inclusive and accessible as possible. We have also been highlighting a diverse range of space role models, from past and present, across our social media. This project, 'Spotlight Sunday', features stories of people with a variety of roles within the sector. It aims to represent all communities and show that anyone has the potential to get involved with space.

During Black History Month, we ran a virtual panel titled: 'A Space for Black Voices'. This was run as part of the Careers Launch Online series and featured Black professionals from across the sector, discussing their journeys. The event aimed to increase awareness of the underrepresentation of many groups within the sector and share best practices on inclusivity, culminating with the Diversity in Space Careers (DISC) 2021 conference.

The Skype a Scientist programme enables students around the world to 'meet' and question a scientist. As well as being informative and entertaining it can be a great way to incorporate careers education into the classroom setting.

Opportunities for young people in the space sector

With space becoming more and more important in our daily lives, we need to educate young people about space-related activities and careers and provide them with the skills needed to enter the sector. There are year-round events for students of all ages, backgrounds and abilities and, if they know where to look, young people can find opportunities targeted to each stage of their development, leading to an exciting and rewarding career in the space sector.

At the birth of the Space Age, the USSR and the United States were the only nations involved, with funding largely provided by the government and with a small number of jobs mainly for specialist engineers, scientists and pilots. Over time, other nations began to form their own space agencies. There are now over 70 around the world at varying stages of development, and the range of jobs in the space sector require education both within and beyond STEM (science, technology, engineering and mathematics).

The global space sector has seen, on average, a 6.7 per cent annual growth since 2005. With this trend set to continue, it is important that young people are informed and educated about the vast range of space sector activities and their importance to our daily lives, as well as our aspirations to explore the universe.

Jacob Smith
Chair UKSEDS,
Cranfield University,
England

Antonio Duduianu
University of Bath,
England

Laura Martin
Liverpool John
Moores University,
England

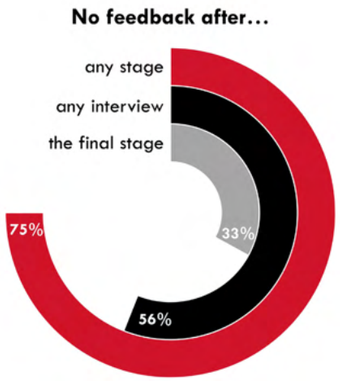
Christina MacLeod
University of
Edinburgh, Scotland

Events and Media

As well as writing an article on opportunities for young people in the sector for the ROOM Space Journal, we have had several excellent opportunities to promote our message and the feelings of the student space community to leading industry figures and policymakers at major events, including the Farnborough Airshow and the Space Industry Westminster Business Forum. We shared the next steps we believe need to be taken by the sector in the areas of skills development, diversity and inclusion, and outreach. This includes: promoting STEM to students from low socio-economic backgrounds to increase the talent pool; creating more internships in all disciplines and a broader range of graduate opportunities, particularly for non-STEM roles; and providing minority groups with role models, and a voice.

Job Application Process Survey

In September, we released a survey to gather students' views on how companies could improve application processes for internships and early career roles within the UK space sector. A common issue highlighted across the board was lack of feedback, with 75% of respondents having not received feedback at any stage. Feedback is vital during these processes, with one respondent stating that they were initially 'getting nowhere with job applications and the feedback gave [them] something to work on'. It was also found that 87% of respondents had, at least once, received no communication at all after any stage of the application process. Another highlighted issue was the large amount of experience often required for internships and early career roles. After analysing the data, we pledge to advocate for an increase in feedback and more considerate requirements.



Out of 218 unsuccessful applicants in the last 12 months

Operations

Our operational programme concerns our work ‘behind the scenes’ to enable our other principal activities. Without a motivated staff backed by effective systems we aren’t able to achieve anything.

Membership & Alumni

Utilising the network and resources accumulated over the last 30 years, multiple initiatives were planned and continue to be executed to assist in the growth of our members, volunteers, and affiliated branches. After the first year of re-establishing our membership team, we are proud to share our achievements. We established the Branch Leaders’ Meeting - an annual roundtable for all UKSEDS affiliated branch leaders - to encourage student leaders to collaborate and leverage UKSEDS’ resources to empower their local student community; created a virtual platform on Discord for all UKSEDS members to engage and interact with each other, building a community of space enthusiasts; and kick-started the UKSEDS Alumni Mentorship Programme, to provide quality and tailored career advice for our members from our incredible alumni.

This year, at the National Student Space Conference, leaders from affiliated branches met for the second time to discuss how UKSEDS resources can be utilised for maximum benefit to its members across the nation. The results of this discussion will serve as crucial input, and further contribute towards building a sustainable, supportive platform for students interested in space.

Systems

This year has had the Systems team taking a larger role in consulting on every UKSEDS event, due to them all being virtual. The big achievement this year is the Nebula platform which Arran Reedman (one of our Systems Team members), with design assistance from Sophia Lee Roberts, has built for us. Nebula is the conferencing platform which has powered DISC 2021, NSSC 2021 and an earlier version powered SSS 2020 and The Space Careers Show.

Partnerships

British Interplanetary Society (BIS)

We have continued our valuable partnership with BIS, hosting the Student Space Symposium at their headquarters in London and working with them to organise a special UKSEDS edition of their journal, JBIS. In addition, we have been honoured to support their new CEO, Elizabeth Anderson, in her aims to diversify BIS membership and engage more with young people. We are excited to see what more we can achieve together!

UK Space Agency

We are grateful to UKSA for their continued support of our mission and activities and we look forward to another great year ahead, working together to benefit all across the sector.

Space & Satellite Professionals International (SSPI)

We have continued our valued partnership with SSPI, organising another Satellite Design Competition and assisting in the creation of a grant for young people participating in any space-related career development activity. We are excited to continue working together in the coming year!

Space-Comm Expo

We are excited to have become Media Partners for the Space-Comm Expo taking place in Summer 2021 and for a group of UKSEDS members to attend the event.

Orbex

We have established an exciting partnership with rocket firm Orbex, who have become the title sponsor of our National Rocketry Championship. They are providing funding for all teams in the competition, as well as the Orbex Gender Diversity Grant - additional funding for teams with 50%+ women and non-binary members across all our hands-on competitions.

Space Universities Network (SUN)

This year, we were pleased to support SUN’s summer intern, as they developed careers resources for the space sector, and look forward to seeing the benefit they bring to students across the country.

Space Skills Alliance (SSA)

We are glad to continue to support the Space Skills Alliance with relevant data on the student community, and see the brilliant work they are doing in addressing the skills shortage and inclusive practices in the sector.

SEDS Earth

This year we have run some exciting events in collaboration with SEDS chapters from around the world, including a global Kerbal Space Programme gaming competition, and debates and panel discussions for World Space Week.

Legal Changes

In the past year, we have finally closed the chapter on the organisational changes that were first proposed a number of years ago. This time last year, there were two UKSEDS charities as we underwent the transition; an unincorporated, run-of-the-mill charity, and a CIO (Charitable Incorporated Organisation). Now we are back to just the one, the CIO. This change was necessary to protect our volunteers in legal agreements and to reflect our growing professionalism as an organisation.

Finances

Due to the legal changes going on (see the legal section), we have had 3 financial years in the last 12 months. The old charity's 2018-2019 financial year was extended by 6 months so that we could wrap the old charity up in that additional time and therefore not need an additional financial year, bringing more paperwork. Unfortunately, due to a number of delayed payments, this wasn't possible and so we had another financial 'year' until the 28th of July 2020 when the old charity was officially closed.

	Old charity		New charity
	30 Nov 2018 - 31 May 2020[1]	*1 June 2020 - 28 July 2020*[2]	*1 Dec 2019 - 30 Nov 2020*[3]
Starting balance	19,007.84	5.95	1,433.73
Income[3]	74,113.14	1,850.00	13,331.13
Expenses[3]	72,240.96	0.00	1,608.40
Profit[3]	1,872.18	1,850.00	11,722.73
Net transferred between UKSEDS charities	-20,874.07	1,855.95	22,730.02
Closing Balance	5.95	0.00	35,886.48[1]

[1]Extended financial year by 6 months
[2]Shortened financial year due to charity closure
[3]Excluding the money transferred between one UKSEDS charity to the other

The year to date finances (at the time of writing, 31/01/2021) are as follows:

Starting balance	35,886.48
Income	10,578.92
Expenditure	304.41
Profit	10,273.88
Current balance	41,160.36

As you can see, we are in a very strong financial position and are financially secure for the foreseeable future. This is due to our policy of good fiscal responsibility in all of our activities coupled with the reduced spending this last year as we have undertaken very few in-person activities.

UKSEDS

We are a registered charity no. 1182239

Our charitable objects are to advance education for the public benefit, by making a forum for the communication and exchange of ideas between students, educational establishments, industry and the general public; and to act as a resource for young people in the UK with an active interest in space, by providing advice and assistance to improve their knowledge base, skill sets, and hands-on experience

Our Trustees and Executive Committee are elected by the Membership in accordance with our Constitution, and plan our activities with regard to the Charity Commission's guidance on public benefit, our Objects, and our long term strategy.

Executive Committee
Jacob Smith (Chair)
Sophia Lee Roberts (Vice Chair)
Alex Crossman (Secretary)
Arran Reedman (Treasurer)
Antonio Duduianu
Paige Ramsden

Non-exec Trustees
Portia Bowman
Matthew Goodman
Julia Hunter-Anderson
Sheila Khanani
Graeme Taylor
Matjaz Viadmar

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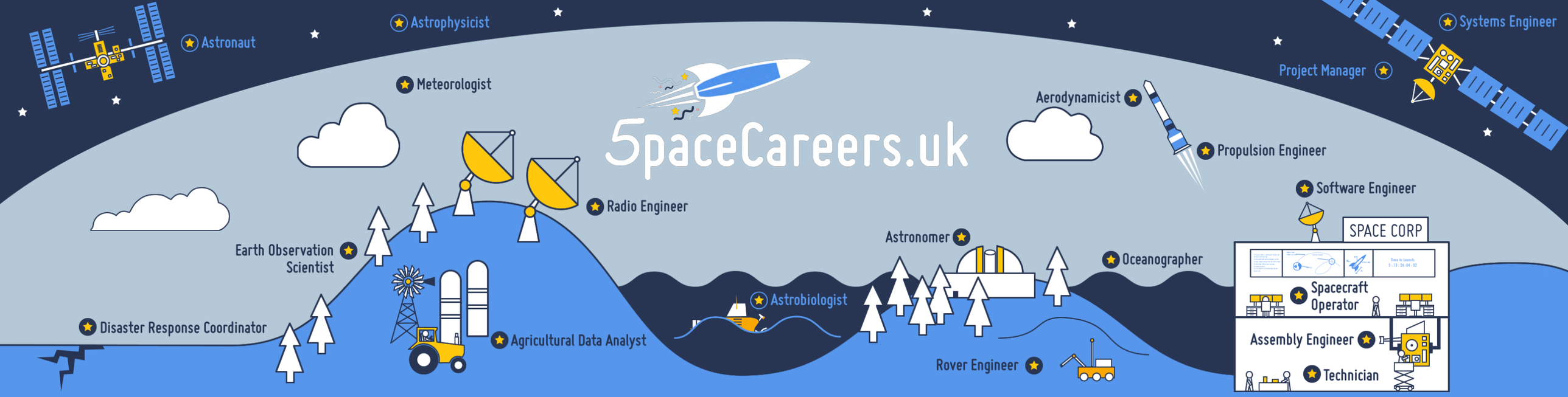
Angharad Weeks
Armin Ziadlourad



The 15th December 2020 marked the 5th birthday of SpaceCareers.uk. With nearly 2 million views, the website continues to be a thriving resource for students across the country, and by posting internships, grad schemes, PhD's and more, SpaceCareers.uk jobs board has become the go-to location for finding early career roles in the space sector. Below are some highlights of the amazing achievements that have been made over the past 5 years.

Events

9 Careers Launch Online webinars
6 RISpace Careers / Careers Launch conferences (2016 - 2020)
5 National Student Space Conferences (2016 - 2020)
3 Student Space Ambassadors training events
2 Space Careers Show / Birthday events
2 Diversity in Space Careers conference (2018)

Outreach

60 primary school students written to
22,000+ leaflets distributed

150+
outreach events reaching over
8000+
people

1.8 million+
page views

The Website

34 articles
59 interviews
28 job profiles

1800+
jobs posted from
430+
employers

More!

5
national awards

1 SPINtern
4 published papers and posters
2 articles published in magazines
Countless emails sent and received

50+
volunteers

Some Challenges...

We weren't taken seriously at first...

Sometimes companies expect immediate responses - they don't realise we're all student volunteers!

It can be stressful trying to get our own jobs while helping others with theirs!

Working on a very low budget!

Thank you to all the amazing volunteers and contributors who have made SpaceCareers.uk what it is today. The website would not be what it is without all of you and it is now one of the most valuable resources out there for all students wanting to enter the space sector. A special thank you also to Joseph Dudley and Portia Bowman who originally created SpaceCareers.uk!

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