

**Charity Registration Number: 1170548**

**SPACE SCIENCE AND ENGINEERING FOUNDATION**  
**TRUSTEES' REPORT AND ACCOUNTS**  
**FOR THE YEAR ENDED 31 AUGUST 2020**

# **SPACE SCIENCE AND ENGINEERING FOUNDATION**

## **CONTENTS**

---

	Page
Trustees' report	1 - 2
Independent Examiner's Report	3
Receipts & Payments account	4
Statement of assets & liabilities	5
Notes to the Accounts	6

# **SPACE SCIENCE AND ENGINEERING FOUNDATION**

## **TRUSTEES' REPORT**

**FOR THE YEAR ENDED 31 AUGUST 2020**

---

The trustees present their report and accounts for the year ended 31 August 2020

### **Reference and Administrative Information**

#### **Charity name**

SPACE SCIENCE AND ENGINEERING FOUNDATION

#### **Charity Registered number**

1170548

#### **Trustees**

Mr Jian He (Chairman)

Ms Trisha Saxena

Ms Katherine Helen Oliver

Ms Allison Ahearn

Dr Elizabeth Carla Luthman

#### **Honorary President**

Mr David Dangoor

#### **Administrative Director**

Director of Education and Outreach

Jennifer Lyons

#### **Accountants**

Crane & Johnston

30-32 Trebarwith Crescent

Newquay

Cornwall

TR7 1DX

#### **Bankers**

HSBC

18 King Street

Covent Garden

London

WC2E 8JF

#### **Principal office**

London

SW7 2AZ

# SPACE SCIENCE AND ENGINEERING FOUNDATION

## TRUSTEES' REPORT

FOR THE YEAR ENDED 31 AUGUST 2020

---

### Objects of the Charity

To broadly support science, space studies and engineering education in the United Kingdom, and to promote these subjects as career choices. To run a challenge that is based on an industry simulation, and is student led, differing substantially from normal school programmes. To support the UK Space Design Challenge (UKSDC), which runs several regional feeder competitions for 15-18 year old students to a National Finals held annually in March at Imperial College London. Every year in July, twelve students with the SSEF support, will travel to the International Space Settlement Design Competition (ISSDC) held at NASA's Kennedy Space Center. The SSEF also supports the EU Space Design Competition (EUSDC) and MEA (Middle East and Africa) SDC's and selects a further twelve to twenty four students to attend the ISSDC in July. In addition the charity and its volunteers help schools run their own competitions purely for educational purposes. The charity also supports Galactic Challenges for 9-14 year old students in conjunction with other schools and universities, supplying judges, badges, certificates and competition materials. This younger age group has been targeted in response to STEM studies that suggest that promoting STEM subjects at this age range can help to increase the numbers of students that will go on to study at GCSE and A level.

### Review of Activities

This year the charity supported ten regional competitions for 1,009 students, and 8 Galactic Challenges for 986 students. Another 260+ students accessed the competition with video entries. 265 students were invited to the Imperial College London National Finals. The Finals went ahead in a reduced capacity due to Covid-19. The students from that group selected to represent the UK at the International Final at Kennedy Space Center attended an online version of the event due to travel restrictions. The charity continues to have a balance of state schools and private schools, and similarly the gender mix, while variable, is generally equal. The rest of the competitions for 2020 also took place online and the Galactic Challenge set online missions that were taken up by both individuals and schools. A large proportion of our volunteers for the charity are alumni of previous competitions who have gone on to university, and their input is invaluable in keeping the competition up to date with the latest social media, as well as supplying judges and CEO's for the running of the regionals, finals and Galactic Challenges. Some events are now fully alumni led, and we plan to extend our reach as our volunteers become more proficient and reliable. Our alumni also provide much of the intellectual property for the competitions.

### Public benefit

The trustees confirm that they have referred to the guidance contained in the Charity Commission general guidance on public benefit when reviewing the charity's aims and objectives and in planning future activities and projects.

Our main activities and who we aim to help are outlined above.

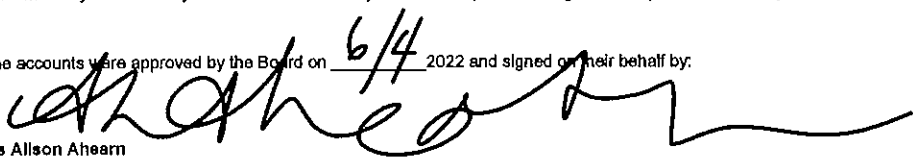
### Level of Reserves

At 31st August 2020 the charity held £50326 unrestricted funds. These funds are held in order to meet any unforeseen expenditure that may occur.

### Risk Management

The trustees have assessed the major risks to which the charity is exposed, in particular those related to the operations and finances and student safety of the charity and are satisfied that systems are in place to mitigate our exposure to the major risks.

The accounts were approved by the Board on 6/4 2022 and signed on their behalf by:

  
Ms Allison Ahearn  
Trustee

**SPACE SCIENCE AND ENGINEERING FOUNDATION**  
**INDEPENDENT EXAMINERS' REPORT**  
**TO THE TRUSTEES OF SPACE SCIENCE AND ENGINEERING FOUNDATION**

---

I report on the accounts of the charity for the year ended 31 August 2020, which are set out on pages 4 to 6.

**Respective responsibilities of trustees and examiner**

The charity's trustees are responsible for the preparation of the accounts. The charity's trustees consider that an audit is not required for this year under section 144(2) of the Charities Act 2011 (the 2011 Act) and that an independent examination is needed.

It is my responsibility to:

- examine the accounts under section 145 of the 2011 Act;
- to follow the procedures laid down in the General Directions given by the Charity Commissioner under section 145(5)(b) of the 2011 Act; and
- to state whether particular matters have come to my attention.


**Basis of independent examiner's statement**

My examination was carried out in accordance with the General Directions given by the Charity Commissioner. An examination includes a review of the accounting records kept by the charity and a comparison of the accounts presented with those records. It also includes consideration of any unusual items or disclosures in the accounts, and the seeking of explanations from you as trustees concerning any such matters. The procedures undertaken do not provide all the evidence that would be required in an audit and, consequently no opinion is given as to whether the accounts present a 'true and fair view' and the report is limited to those matters set out in the statement below.

**Independent examiner's statement**

In connection with my examination, no matter has come to my attention:

- 1) which gives me reasonable cause to believe that, in any material respect, the requirements:
  - to keep accounting records in accordance with section 130 of the 2011 Act; and
  - to prepare accounts which accord with the accounting records and to comply with the accounting requirements of the 2011 Act have not been met; or
- 2) to which, in my opinion, attention should be drawn in order to enable a proper understanding of the accounts to be reached.



Neil Hallam FCCA  
Crane & Johnston  
Chartered Certified Accountants  
30-32 Trebarwith Crescent  
Newquay

Dated

7/4/22

# SPACE SCIENCE AND ENGINEERING FOUNDATION

## RECEIPTS & PAYMENTS ACCOUNT

FOR THE YEAR ENDED 31 AUGUST 2020

	Unrestricted Funds £	Total 2020 £	Total 2019 £
<b>RECEIPTS</b>			
<b>Receipts from charitable activities:</b>			
Donation	92,525	92,525	12,022
Grants	25,500	25,500	97,475
Reimbursement	830	830	13,652
<b>Sub total</b>	<b>118,855</b>	<b>118,855</b>	<b>123,149</b>
<b>Asset &amp; Investments sales</b>			
Loans received	-	-	5,500
<b>Other Income</b>			
CJRS & Covid SSP	6,915	6,915	-
<b>Total Receipts</b>	<b>125,770</b>	<b>125,770</b>	<b>128,649</b>
<b>Costs of charitable activities:</b>			
Wages & salaries	34,138	34,138	31,655
Other professional fees	9,060	9,060	4,086
Insurance	-	-	531
IT & Software	557	557	531
Office Exp, Postage & stationery	891	891	183
Bank charges	0	0	171
Travel & Subsistence	10,388	10,388	59,399
Accountancy	1,066	1,066	1,395
Rent	934	934	-
Training	-	-	169
Sundry	1,016	1,016	1,355
<b>Sub total</b>	<b>58,050</b>	<b>58,050</b>	<b>99,475</b>
<b>Asset &amp; investment purchases</b>			
Loans repaid	35,000	35,000	12,300
<b>Total payments</b>	<b>93,050</b>	<b>93,050</b>	<b>111,775</b>
<b>NET OF (PAYMENTS)/RECEIPTS FOR THE YEAR</b>	<b>32,719</b>	<b>32,719</b>	<b>17,405</b>
Cash funds last year end	17,607	17,607	202
<b>CASH FUNDS THIS YEAR END</b>	<b>50,326</b>	<b>50,326</b>	<b>17,607</b>

# SPACE SCIENCE AND ENGINEERING FOUNDATION

## STATEMENT OF ASSETS & LIABILITIES

AS AT 31 AUGUST 2020

	2020		2019	
	£	£	£	£
<b>Cash funds</b>				
Cash at bank		50,326		17,607
		<u>50,326</u>		<u>17,607</u>
<b>Assets retained for the charity's own use</b>				
Website		9,800		9,800
		<u>9,800</u>		<u>9,800</u>
<b>Current Assets</b>				
Loans		15,807		-
Wages		1,382		-
CJRS/C-19 SSP		1,976		-
		<u>19,165</u>		<u>-</u>
<b>Current Liabilities</b>				
Loans		-		19,193
Taxes and social security costs		5,583		1,735
Wages		-		2,075
		<u>5,583</u>		<u>23,003</u>

The accounts were approved by the Board on 6/4 2022 and signed on their behalf by:

  
 Ms Alison Ahearn  
 Trustee

# SPACE SCIENCE AND ENGINEERING FOUNDATION

## NOTES TO THE ACCOUNTS

### FOR THE YEAR ENDED 31 AUGUST 2020

---

#### 1 Accounting policies

##### 1.1 Basis of preparation

The accounts have been prepared on the receipts and payments basis. The accounts are in accordance with applicable accounting standards and comply with the Charity (Accounts and Reports) regulation issued under the Charities Act 2011.

##### 1.2 Receipts

Receipts are the total amounts received by the charity for supporting the Space Design Competition.

##### 1.3 Payments

Expenditure is included on a payment basis, inclusive of VAT which cannot be recovered

#### 2 Trustees

None of the trustees (or any persons connected with them) have received any remuneration during the year. The following Trustees have been reimbursed for general expenses.

#### 3 Employees

31/08/2020  
Number

Average number of employees during the year

1

There were no employees whose emoluments were £60,000 or more.