

Quarterly Journal of Mechanics and Applied Mathematics

Trustees' Annual Report: 2 March 2024 – 1 March 2025

Charity registration number: 211632

Address: University of Nottingham, University Park, Nottingham NG7 2RD

Trustees: Professor J R King
Professor C M Linton
Professor A N Norris
Professor S L Waters

Structure, Governance and Management

The Trust is governed according to the Trust Deed dated 31st October 1956 as amended by the Deed dated 19th January 2015. The Journal is overseen by the Trustees in consultation with its Executive Editors. Trustees are selected from the Mechanics and Applied Mathematics community by the existing Trustees on the basis of their capacity to facilitate the Trust's objectives.

Objectives and Activities

The Trust seeks to promote and facilitate scientific research and education in Mechanics and Applied Mathematics. The Trustees have secured a profit share from the Journal's publishers, Oxford University Press (OUP), in order to provide grants to support activities in keeping with these objectives and thereby to promote the Journal.

Financial Review

The only item of income during the year was:

£73,606 (Profit-share from OUP)

There were no items of expenditure: the usual IMA administration fee for QJMAM Fund was paid during the year but the cheque was not paid in and cleared until after 1 March (so that two such fees will show up next year). The Trust held £455,187 in cash funds on 2 March 2024 and £528,793 on 1 March 2025. The Trust has no liabilities and no other assets.

Because the initial payments from Oxford University Press included profit share from earlier years, the Trustees maintain a reserve in order to sustain the level of grants as payments decrease, as well as for contingencies.

Achievements and Performance

The QJMAM Fund for Applied Mathematics exists to support UK research in the broad area of applied mathematics and theoretical mechanics. The Fund makes a grant to the Institute of Mathematics and its Applications (IMA, a charity with aims compatible with those of the Trust), who then distribute grants to successful applicants, a payment being made to the IMA for the efficient administration of this process. Applications for grants from the Fund were assessed by a panel comprising senior academics from the Universities of Brunel, Cambridge, Manchester, Liverpool, Nottingham and Oxford, ably chaired by one from Rutgers University:

Chair: Professor Andrew Norris (Trustee)
Panel members: Professor Anne Juel
Professor John King (Trustee)
Professor Stephen Langdon
Professor Natasha Movchan
Professor Nigel Peake
Professor Sarah Waters (Trustee)

Over the year, there were two widely publicised open funding calls. As indicated above, the funds awarded were subsequently distributed by the Institute of Mathematics and its Applications, to whom awardees were required to report back on their use. Demands on the fund remain high, indicating that its value is becoming more widely recognised.

Grant awards (listed below) covered a range of activities. Awardees spanned a range of career stages (with early career researchers being particularly well represented) and with support for some important UK meetings being noteworthy. We believe awards to have been of considerable benefit given the dearth of other suitable funding mechanisms.

Round	Name	Institution	Amount	Purpose
One	David Abrahams	Cambridge	2400	One-day event in Manchester marking 100 years since Sir James Lighthill's birth, featuring expert talks on his legacy in aeroacoustics, fluid mechanics, and AI.
One	Francesca Arrigo	Strathclyde	400	Attending SIAM Conference on Applied Linear Algebra (SIAM LA24) to present work.
One	Raphael Assier	Manchester	1500	An international workshop co-organised by R. Assier (Manchester), D. Hewett (UCL), A. Gibbs (UCL), S. Olver (Imperial) and D. Huybrechts (KU Leuven), taking place at UCL (London) 24-26th June 2024.
One	Mark Blyth	UEA	400	Attending 1st European Fluid Dynamics Conference (EFDC1).
One	Federico Botta	Exeter	3000	Support for women invited speakers and early career researchers to attend the 20th edition of the Conference on Complex Systems, held at the University of Exeter in September 2024.
One	Chris Breward	Oxford	3000	Support for Early Career Mathematicians attendance at the UK Graduate Mathematical Modelling Camp 2024, 23rd 27th September, Cambridge, UK.
One	Matthew Butler	UCL	400	Attending ICTAM 2024 and accompanying IUTAM satellite meeting to present work, expand contacts internationally and initiate collaborations.
One	Jan Cammann	Loughborough	400	Attending the DPG Spring Meeting to present work on mathematical models of active matter.
One	Eduard Campillo-Funollet	Lancaster	400	Lancaster-Sussex collaboration on acoustics of insects in flight.
One	James Casey	Manchester	400	Attending KSMB/SMB conference to give a talk.
One	Tyler Cassidy	Leeds	400	Participation at MATRIX Workshop on Parameter Identifiability in Mathematical Biology and collaborative research visit to Queensland University of Technology.
One	Igor Chernyavsky	Manchester	400	Attending ICTAM-2024 to present research group work.
One	Radu Cimpeanu	Warwick	400	Presenting at the 1st European Fluid Dynamics Conference (EFDC1).
One	Rebecca Crossley	Oxford	500	Attending KSMB-SMB Joint Meeting (Conference) to present work and organise minisymposia.
One	Carles Falco	Oxford	400	Attending KSMB-SMB 2024 to present work.
One	Paul Hammerton	UEA	400	Attending ICTAM 2024 to present a paper.
One	Ben Humphries	UEA	400	Collaboration on nonlinear wave modelling with Onorato (Turin) and De Santi (IMATI); presenting related work at host seminars.

One	Xintong Ji	UCL	400	Attending AERC (Annual European Rheology Conference) 2024 to present work.
One	Ellen Jolley	Oxford	400	Attending ICTAM 2024 to present work.
One	Dimitrios Katsaounis	St Andrews	400	Attending ECMTB 2024 (European Conference on Mathematical and Theoretical Biology) to present work.
One	Fiona Macfarlane	St Andrews	400	Attending European Conference on Mathematical and Theoretical Biology (ECMTB) 2024 to present work.
One	Marco Mazza	Loughborough	400	Collaboration and dissemination of work: Self-Organising Living Matter.
One	Andrés Miniguano-Trujillo	Edinburgh	400	Attending SciCADE 2024 as co-organiser of a mini-symposium and to present work.
One	Amir Hossein Namdar	Manchester	400	Attending 19th EMMC conference to present work.
One	Daniel Netherwood	Adelaide	700	Attending and presenting at the INI workshop on the mathematics of multiphase flows with applications.
One	Lena Payne	Kent	200	Attending MPDEE 2024 to present work.
One	Lorenzo Pellis	Manchester	400	Attending the KSMB-SMB Joint Annual Meeting and the NIMS workshop as invited speaker to both.
One	Francesca Scarabel	Leeds	400	Research visit to South Korea to attend KSMB-SMB Joint Meeting and NIMS workshop as mini-symposium organiser and invited speaker.
One	Sebastian Scott	Bath	400	Attending IPMS 2024 to present work.
One	Xiaocheng Shang	Birmingham	400	Support of early career researchers and PhD students to participate in a workshop in Birmingham.
One	Dmitry Shepelsky	Kharkiv	500	Short visit to Aston and Cambridge Universities to study the properties of special solutions to nonlinear integrable PDEs.
One	Alice Thompson	Manchester	400	Attending ENOC 2024 conference to present work.
One	Andrew Wilkinson	Open University	400	To attend and present at the APS-DFD 2024 Annual Meeting.
One	Edwina Yeo	UCL	1200	Support of ECR-Led UK Fluids Network Joint Special Interest Group Meeting: Biologically Active and Non-Newtonian Fluids.
Two	Mark Blyth	UEA	400	To give invited talk at a three-day workshop on nonlinear water waves in Kobe, Japan, in July 2025.
Two	Alberto Alberello	UEA	500	To present ongoing work on mathematical modelling of wave and sea ice interactions at WISE (Waves in the Sea Environment) held at the University of Seattle.
Two	Elnaz Naghibi	East London	500	To attend the EGU General Assembly 2025 in Vienna and present work on statistical analysis of quasi-geostrophic simulations in the North Atlantic double-gyre.
Two	Sharon Stephen	Sydney	500	The visit continues a research collaboration on nanofluids, with Dr. Griffiths (Aston University) and Professor Gajjar (University of Manchester).
Two	Yongxing Wang	Leeds	700	To visit collaborator, Professor Olivier Pironneau, and his FreeFem team at the

				Laboratory of Jacques-Louis Lions (LJLL) at Sorbonne University in Paris.
Two	Valeria Ciccone	Manchester	1,200	Funds to support a three month visit to Centre de Biologie Structurale (CNRS, Montpellier) to continue a study on the mechanics of blood.
Two	Edward Hinton	Melbourne	1,200	Funds to support four UK-based PhD students attending the ICMS workshop 'Bridging the gap between mathematical modelling of lava flows and field observations', held in Edinburgh in June 2025.
Two	Rehan Shah	QMUL	1,700	Based on the ongoing research collaboration between Dr. Rehan Shah (an early career academic) from QMUL and Prof. Gert van der Heijden (a senior academic) from UCL in the area of nonlinear solid mechanics, each to present at ESMC (held in Lyon, France in July 2025).
Two	Jeremy Parker	Dundee	1,949	To attend the SIAM Conference on Applications of Dynamical Systems in Denver, Colorado in May 2025, to present recent work on using polynomial optimisation to prove properties in dynamical systems, and to meet collaborators face-to-face.
Two	Fabian Spill	Birmingham	2,000	To provide a regular forum for mathematical biologists in the UK and especially early career researchers to establish themselves as part of this community.
Two	Alex Townsend	Cornell	2,000	To support the IMA Leslie Fox Prize 2025 meeting for top young numerical analysts at the University of Strathclyde.

Rigorous assessment of grant applications, together with continued effects of the pandemic, has led to a portion of the funds being held over to subsequent funding rounds (being held by the IMA in a restricted account on behalf of the Trust), the above awards totalling £35,649.

We have been pleased with the uses to which the funds have been put. The Trustees were satisfied that the Journal produced a public benefit over the year.

Declaration

The Trustees declare that they have approved the Trustees' report above.

Signed on the behalf of the Charity's Trustees

Signature:



Full Name: John Robert King
Position: Chair of Trustees
Date: 14th December 2025

Annual accounts for: Quarterly Journal of Mechanics and Applied Mathematics

Charity Number 211632

Twelve-month period ending 1 March 2025

Opening reserves	£455,187
------------------	----------

Income

03/07/2023 Receipt from Oxford University Press	£73,606
---	---------

Closing reserves at 01/03/2025	£528,793
--------------------------------	----------

supported by

cash at bank at 01/03/2025	£528,793
----------------------------	----------



Section A

Independent Examiner's Report

Report to the trustees

Charity Name

Quarterly Journal of Mechanics and Applied Mathematics

On accounts for the year
ended

2024/2025

Charity no
(if any)

211632

Set out on pages

I report to the trustees on my examination of the accounts of the above charity ("the Trust") for the year ended **01 / 03 / 2025**.

Responsibilities and
basis of report

As the charity's trustees, 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 all 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:

- the accounting records were not kept in accordance with section 130 of the Charities Act; or
- the accounts did not accord with the accounting records; or
- the accounts did not comply with the applicable requirements concerning the form and content of accounts set out in the Charities Regulations 2008 other than any requirement that the accounts give a 'true and fair' view which is not a matter considered as part of an independent examination.

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

Signed:

Date:

11/12/2025

Name:

WILLIAM ORRIDGE

Relevant professional
qualification(s) or body
(if any):

ACA.

Address:

RUTLAND BUILDING, LOUGHBOROUGH UNIVERSITY
EPINAL WAY, LOUGHBOROUGH
LE11 3TU

Only complete if the examiner needs to highlight material 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.