



# Academy for the Mathematical Sciences

*Benefitting our world through the power of the  
mathematical sciences*



# Vision

## ***The Academy for the Mathematical Sciences will;***

- Be an authoritative and persuasive voice for the whole of the mathematical sciences
- Work with learned societies, other organisations, and people in the community who develop, teach, research, communicate, and use mathematics and the mathematical sciences.

## ***The Academy's focus will include;***

- Teaching and education
- Academic research pushing the frontiers of what is known
- Implementation of mathematics in practice in industry, commerce, government and elsewhere

## ***The Academy will support;***

- The advancement of the field by bringing together those in the community, and by acting to nurture the people pipeline
- Increase societal engagement and improve the recognition of the power, value and beauty of mathematical science

Our ambition is that our field delivers on its full potential to improve lives, help people, strengthen society, enhance economic productivity, and benefit and enrich our world.



# Objectives

*Increased number of  
mathematical  
scientists*

*Improved diversity in  
the mathematical  
sciences workforce*

*Better public policy*

*Support for maths  
education*

*Improved economic  
growth, innovation,  
and prosperity*

*Public Advocacy*



# Governance during set-up phase

Executive committee (appointed by CMS)

Advisory Board

Isaac Newton Institute

Oct 2023 Registered as charity (CIO)

The Academy aims to bring benefit to the world, and to UK society, through the power of the mathematical sciences. We will work together to develop, communicate, teach and use the power of the mathematical sciences to benefit our world.



# Engagement with the Community

We will work in partnership with the CMS member societies and other organisations across the mathematical sciences, including JMC, ACME & HoDoMS.

Spring/Summer 2023 Consultation

*The Council for the Mathematical Sciences, and its five member societies, believe there is need for a single independent body which represents the whole of the mathematical sciences community including educators, practitioners, and academics....*

*We fully support the formation of the Academy and will work to ensure it is sustainable, and works in partnership with the societies covering mathematics, statistics, and operational research.*



# Funding

November 2023 Government Autumn Statement: up to £6m over three years to support the creation of a new National Academy focussed on the Mathematical Sciences.

Jan 2024, DSIT opened its “Call for Evidence”, including a series of Roundtable events, inviting experts “to help shape a new National Academy of Mathematical Sciences that will skill-up the country and grow our economy”.

March 2024 DSIT publication of draft requirements for establishing a National Academy focused on the Mathematical Sciences.

Spring 2024 – open competition

Summer 2024 – announcement of successful applicant

& continued discussions with further potential donors



# Launch of Policy Unit

A small Policy Unit has been established in advance of the creation of the full Academy.

Planning and delivering policy and advocacy work

Working on projects within the broad areas of “maths for policy” and “policy for maths”

Development of the Maths Manifesto document

Policy research relating to maths education

Quantifying the contribution of the mathematical sciences

Spotlight profile pieces





# Search for Founding President

Search committee:

Professor Alison Etheridge OBE FRS (Chair)

Nigel Campbell

Professor Tom Coates

Professor Ineke de Moortel FRSE

Dame Jil Matheson

Lynne McClure OBE

Simon Yun-Farmbrough.

Application deadline April 15<sup>th</sup>; interviews early May





# Maths summit & Manifesto

March 2024

