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Review of LMS Activities

(August 2016-July 2017)

Professor Ken Brown
(LMS Vice-President)

LMS Annual General Meeting

10 November 2017

Charitable aims of the Society



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For the advancement, dissemination & promotion of mathematical knowledge in the UK & worldwide

Funding the advancement of mathematical knowledge

Encouraging mathematical research and collaboration

Celebrating mathematical achievements

Publishing and disseminating mathematical knowledge

Advancing and **promoting** mathematics

LMS Publishing



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- 12 journals, 7 in partnership with other learned institutions
- 2 book series
- *Algebraic Number Theory* by Cassels & Fröhlich



LMS Publishing



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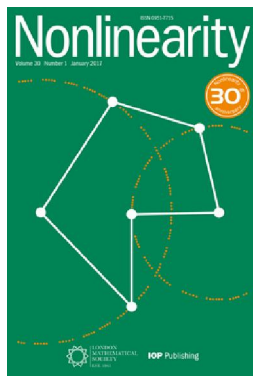
Between August 2016- July 2017 there were:

1,890 papers submitted to the LMS

(Bulletin, Journal, Proceedings, Transactions, Journal of Topology & Mathematika)

779 papers published by the LMS

(Bulletin, Journal, Proceedings, Transactions, Journal of Topology, Mathematika, Compositio, Nonlinearity)



**Celebrating 30
years in 2017**



**Celebrating 10
years in 2017**

6 books published in our *Lecture Notes* and *Student Texts* series

LMS Publishing



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Strategic review of LMS Publications

External Review early 2016

Strategic Retreat January 2017

Strategic Sub-group of Publications Committee. **Five meetings in 2017**

Focus Areas: Governance, development of the current LMS journals, portfolio development, engagement with external partners and stakeholders

Revision of the Society's Publishing Aims

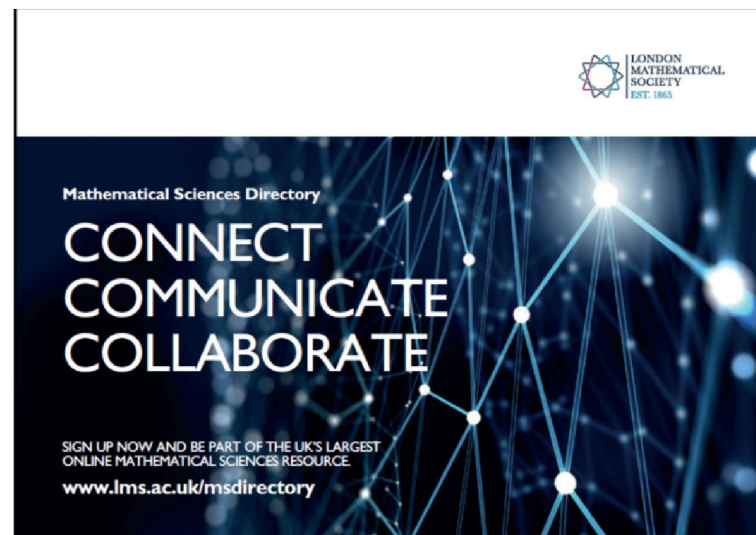
- publishing and endorsing high-quality content
- better experience for authors, readers, reviewers
- provision of funding for the Society's charitable activities
- reasonable and ethical pricing enabling wider dissemination
- embracing new technologies

LMS Mathematical Sciences Directory UK

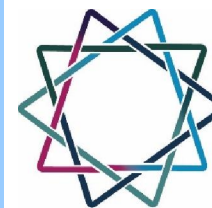


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The Society also launched what it hopes will be the largest Directory of Mathematical Scientists in the UK, providing an invaluable resource for Mathematical Scientists within academia and industry, and across all the Mathematical Sciences, providing a network of contacts to encourage collaboration. More information about the Directory and how to join is available at <https://lms.ac.uk/msdirectory>



New look Newsletter



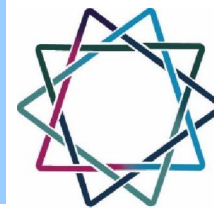
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The Society launched its new look Newsletter in 2017, which will be published six times a year

As well as Society news and events the Newsletter has more mathematical features and articles as well as specific content for early career researchers



Scientific Meetings & Lectures



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2016	August	September	October	November	December
	YRM (University of St. Andrews)	Midlands Regional Meeting (University of Birmingham)	Joint Meeting with the Royal Statistical Society and Fisher Trust (RSS, London)	LMS General Meeting and Naylor Lecture (BMA House London)	Prospects in Mathematics (University of York)
					South West & South Wales Regional Meeting (University of Bath)
2017	March	April	May	June	July
	Women in Mathematics Days (Birkbeck; Warwick)	LMS Society Meeting at the BMC2017 (University of Durham)	Mary Cartwright Lecture & Society Meeting (De Morgan House)	General Society Meeting (BMA House, London)	LMS-EPSRC Durham Symposia (University of Durham)
		Invited Lecture Series (Newcastle University)	Aitken Lectures (UK-wide)	Northern Regional Meeting (University of York)	Undergraduate Summer School (University of Manchester)
			Education Day (De Morgan House)		

National Consultations 2016-17



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2017				
LMS	LMS Statement	Statement on the Teaching Assessment of Mathematics Degrees	May	
CMS	HEFCE	Consultation on the Second REF	March	
2016				
LMS	House of Commons Public Bill Committee	Higher Education and Research Bill	December	
LMS	Department for Education	Schools that Work for Everyone	October	
CMS	House of Commons Science and Technology Committee	Response to Brexit Consultation	August	

Mathematics in Parliament



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STEM for Britain 2017

Award	Winner	Sponsor
Gold Medal	Dr James Grogan (University of Oxford)	Clay Mathematics Institute
Silver Medal	Laura Wadkin (Newcastle University)	Clay Mathematics Institute
Bronze Medal	Dr Bartosz Naskrecki (University of Bristol)	Heilbronn Institute for Mathematical Research



Back Row (l to r) Professor John Keating (Heilbronn Institute), Dr Stephen Benn (Royal Society of Biology), Professor Nick Woodhouse (CMI), Stephen Metcalfe (Parliamentary and Scientific Committee)
Front Row (l to r) Dr Bartosz Naskrecki, Dr James Grogan, Laura Wadkin

Mathematics in Parliament



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CMS at the House of Commons

The Council for the Mathematical Sciences (CMS) held an event in February 2017 at the House of Commons on *Mathematic Education*, hosted by Stephen Metcalfe MP, Chair of the Parliamentary and Scientific Committee.

Over 100 invited guests attended

Professor Sir Adrian Smith, Chair, CMS: talked about his review of post-16 mathematics provision

Professor Frank Kelly, Chair, Advisory Committee on Mathematics Education (ACME): talked about new developments within the Committee and the vision moving forward.



Professor Sir Adrian Smith



Professor Frank Kelly

Early Career and Young Researchers



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LMS provides support in a number of ways

These events and activities are now overseen by the newly formed Early Career Research Committee, chaired by Professor Chris Parker (University of Birmingham)

Undergraduate	Postgraduate	Postdoctoral	Beyond Postdoctoral
Prospects in Mathematics	LMS-CMI Research Schools	Cecil King Scholarship	Celebrating New Appointments Grants (Scheme 9)
Undergraduate Summer Schools	Young Researchers in Mathematics (YRM)	Postdoctoral Mobility Grants	
Undergraduate Research Bursaries	Postgraduate Conference Grants (Scheme 8)		
Undergraduate Meeting Grants	Graduate Student Meetings		
	ECR Travel Grants	ECR Travel Grants	

LMS Prizes 2017



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Celebrating achievements in mathematics

LMS Prizes 2017

Pólya Prize

Professor Alex Wilkie FRS

Senior Whitehead Prize

Professor Peter Cameron

Senior Anne Bennett Prize

Professor Alison Etheridge FRS

Naylor Prize and Lectureship

Professor John Robert King

Berwick Prize

Professor Kevin Costello

Whitehead Prize

Dr Julia Gog

Dr András Máthé

Dr Ashley Montanaro

Dr Oscar Randal-Williams

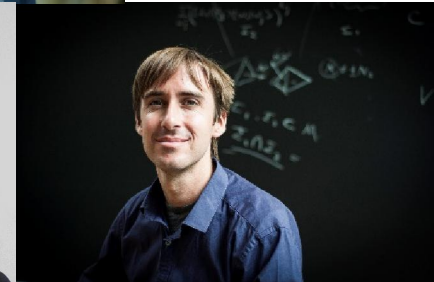
Dr Jack Thorne

Professor Michael Wemyss

LMS/IMA Joint Prize

David Crighton Medal

Professor I David Abrahams



Promotion



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Raising the profile and awareness of mathematics across the UK

Social Media

- Twitter *@londmathsoc* – over 6,500 followers
@womeninmaths – over 6,700 followers
- You Tube Channel: Broadcasting Popular Lectures 3,500 subscribers

LMS Popular Lectures



LMS Popular Lecturer
Professor David Tong



LMS Popular Lecturer
Dr Jason Lotay

Gresham Lecture

Royal Society Summer Science Exhibition – *Maths Inside* leaflets

Supported *Talking Maths in Public* (University of Bath)

Supported British Science Association Mathematical Sciences Section

President's Reception