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**Bringing the worlds of research,
maths teaching and SEN expertise together**

9TH NATIONAL CONFERENCE

DYSCALCULIA AND MATHS LEARNING DIFFICULTIES

29th June 2017, London



Keynote Speakers:

◀ Dr Dénes Szücs

Developmental dyscalculia: Fresh perspectives

Professor Ruth Merttens ▶

Mastery for all – a contradiction?



More than a one-off event...

● What we provide before the event:

- ▶ Resources to prepare for your day

● What you can expect on the day:

- ▶ Internationally renowned keynotes
- ▶ 3 Breakout sessions
- ▶ 14 different workshops for schools, FE & HE
- ▶ Practical solutions to overcome barriers to learning maths
- ▶ Exhibition

● What you receive after the event:

- ▶ Presentations and resources for sharing with colleagues
- ▶ Newsletters with research updates and practical resources

"I loved the energy and enthusiasm of the speakers, networking opportunities and quality of breakout sessions."

Learning Support Teacher, Sidcott School



Full conference details and booking online at:

www.dyscalculia-maths-difficulties.org.uk



9TH NATIONAL CONFERENCE: Dyscalculia and Maths Learning Difficulties 2017

An essential conference for all teachers of numeracy and maths, SENCOs and Learning Support teachers, LA inclusion and numeracy support teams and Educational Psychologists.

Keynote Speakers

Dr Dénes Szücs *Developmental dyscalculia: Fresh perspectives*
Deputy Director, Centre for Neuroscience in Education, University of Cambridge

"I will provide an overview of current major theories of developmental dyscalculia (DD). In order to distinguish between these theories we have carried out the largest DD study in the UK. I will discuss findings from this study and conclude that findings suggest that weak visuo-spatial memory is a major factor behind DD. I will also discuss the link between DD and mathematics anxiety based on another very large study, which I will follow up in more details in my workshop."

Professor Ruth Merttens *Mastery for all - a contradiction?*
Educational Director, Hamilton Trust

"My keynote will explore the provenance of the term 'mastery' in Anglo-American educational psychology and investigate the implications of the new curriculum for teaching and learning in the diverse and non-homogenous classrooms characteristic of modern Britain. I also hope to offer practical answers to the questions raised in my talk."

Workshop Presenters



Janine Blinko
Freelance Consultant in
Mathematics Education



Emily Clearly
Maths Teacher, Dulwich
Preparatory School



Steve Cooke
Independent EAL Expert



Sue Keith
HOD of Mathematics,
Stony Dean School



Liz Lee
Assistant Head/SENCO, Oak Lodge School



Shirley Mitchell
Assistant Head/Maths Teacher, Oak Lodge School



Eleanor Machin
Specialist Tutor in SpLD,
University of Sheffield



@MrMattock
Director of Mathematics
& Numeracy, Brockington
College



Professor Paul Moorcraft
Dyscalculic Award Winning
Novelist, Journalist and CEO



Debbie Morgan
Director for Primary,
NCETM



Louise Pennington
SEND Consultant,
Oxford University Press



Gill Shearsby-Fox
Primary Teaching and
Learning Maths Adviser,
Herts for Learning



Sarah Wedderburn
Principal, Unicornmaths



Carolyn Wreghitt
Primary Maths Adviser,
Babcock LDP

**TIME TO RELAX AND
REFLECT WITH FULL
HOUR KEYNOTES AND
WORKSHOPS**

Design your day! Mix and match 3 different workshops from the 14 choices to meet your professional needs

Conference Programme for 29th June 2017

08.45	Registration, Refreshments and Exhibition	
09.30	Introduction	
09.35	Keynote 1: Dr Dénes Szücs – <i>Developmental dyscalculia: Fresh perspectives</i>	
10.40	Refreshments and Exhibition	
11.10	Breakout Session 1	
	<i>The experience of mathematics anxiety</i>	Dr Dénes Szücs All ages
	<i>Please don't put me in front of a firing squad</i>	Paul Moorcraft All ages
	<i>Consistently inconsistent: Enabling pupils with dyslexia to succeed</i>	Sarah Wedderburn KS2&3
	<i>Broadening and deepening understanding with SpLD pupils</i>	Gill Shearsby-Fox KS1&2
	<i>Using pre-teaching methods to access challenging maths concepts</i>	Carolyn Wreghitt KS1&2
	<i>Reasoning without numbers</i>	@MrMattock KS3&4
	<i>Developing number-sense for learners with dyscalculia</i>	Eleanor Machin KS3,4&FE
	<i>Using visual representations to scaffold EAL learners</i>	Steve Cook KS2&3
12.10	Lunch and Exhibition	
13.10	Keynote 2: Prof Ruth Merttens – <i>Mastery for all – a contradiction?</i>	
14.10	Breakout Session 2	
	<i>Teaching for mastery: A strategy for inclusion</i>	Debbie Morgan All ages
	<i>Anticipating and overcoming barriers for pupils on the Autism Spectrum</i>	Liz Lee and Shirley Mitchell KS3&4
	<i>Consistently inconsistent: Enabling pupils with dyslexia to succeed</i>	Sarah Wedderburn KS2&3
	<i>Broadening and deepening understanding with SpLD pupils</i>	Gill Shearsby-Fox KS1&2
	<i>Breaking barriers with Numicon</i>	Louise Pennington All ages
	<i>Using mathematical models to support understanding</i>	Janine Blinko KS1,2&3
	<i>Developing number-sense for learners with dyscalculia</i>	Eleanor Machin KS3,4&FE
	<i>How virtual tools can support learners with maths difficulties</i>	Emily Clearly KS1&2
15.10	Refreshments and Exhibition	
15.30	Breakout Session 3	
	<i>Please don't put me in front of a firing squad</i>	Paul Moorcraft All ages
	<i>Anticipating and overcoming barriers for pupils on the Autism Spectrum</i>	Liz Lee and Shirley Mitchell KS3&4
	<i>Breaking barriers with Numicon</i>	Louise Pennington All ages
	<i>Using mathematical models to support understanding</i>	Janine Blinko KS1,2&3
	<i>Using pre-teaching methods to access challenging maths concepts</i>	Carolyn Wreghitt KS1&2
	<i>Reasoning without numbers</i>	@MrMattock KS3&4
	<i>Using visual representations to scaffold EAL learners</i>	Steve Cooke KS2&3
	<i>Concrete to abstract: Making algebra accessible to SEN pupils</i>	Sue Keith KS2&3
16.30	End of Conference	

*The organisers reserve the right to modify the programme as necessary

"The bringing together of maths with learning difficulties is something I have not found elsewhere and the variety of workshops offered was just brilliant."

Maths Teacher, Campus De Nations

Date
29th June 2017**Time**
8.45am - 4.30pm**Location**
Central London**Ticket
Prices****Early Bird: £285 + VAT**
(ends 19/12/2016)**Full price: £315 + VAT**
(after 19/12/2016)

Prices include refreshments, lunch, pre and post conference resources and conference handbook.

Discounts

Group discounts (3 or more) and concessionary fees for students and parents are also available please contact the office to discuss your request: **01672 512914**

Booking

Full conference details, pen portraits, presentation descriptions and online booking at:
www.dyscalculia-maths-difficulties.org.uk

Please note: When making your booking online, all discounts will automatically appear later on in the booking process. Workshop choices are allocated on a first come first serve basis. Final details are emailed two weeks before the conference. Full refunds can only be made if cancellation is made in writing no later than 28 days prior to the event.

More than a one-off event...

Our conference is renowned for its friendliness, quality and good value.

● What we provide before the event:

- ▶ Readings, resources and videos to prepare for your day
- ▶ Pre-selection of workshops to meet your professional needs

● What you can expect on the day:

- ▶ Internationally renowned keynotes
- ▶ 3 Breakout sessions
- ▶ 14 different workshops led by passionate presenters
- ▶ Practical solutions to overcome barriers to learning maths
- ▶ Professional conversations and networking opportunities
- ▶ Delegate pack and high quality conference handbook
- ▶ Exhibition and free prize draw

● What you receive after the event:

- ▶ Presentations and additional resources to share with colleagues
- ▶ Downloadable CPD attendance certificate
- ▶ Newsletters with national developments, research updates and resources
- ▶ Exclusive loyalty discounts



ATM
Association of Teachers of Mathematics

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