

International Conference on Promoting Mathematical Resilience: addressing mathematics anxiety and avoidance in teaching, learning, home and work

12-14 November 2015 at the University of Warwick, UK

This conference is aimed all those involved in supporting others who are learning mathematics. It aims to bring together those working to promote mathematics resilience in learners, as teachers, in the workplace or as parents.

The theme of the conference encompasses the continuum of need for mathematical resilience, from pre-cradle to grave, in the context of lifetime neuro-plasticity and the full range of activities from those involving little or no maths to maths-focussed activities.

Abstracts and brief descriptions of proposed contributions are invited from those who wish to share their work with others in this field; research papers are welcome as are practitioner research reports and papers sharing work done in developing practice in the workplace, educational institution or home.

The conference is organised by the Centre for Education Studies, at the University of Warwick, and the Open University.

Conference Format

The conference will include:

- Pre- and intra-conference workshops and seminars
- Keynote presentations
- Parallel sessions, including sessions for practitioner research
- Poster presentations
- Evening events
- Pre-recorded video contributions
- Learner voices

Opportunities to network with colleagues

The conference will include excellent opportunities for delegates to discuss innovations. This conference is a forum for anyone with responsibilities and interests in supporting the learning of numeracy and mathematics. It is an opportunity to report and discuss themes, research and initiatives with colleagues from the UK and abroad and will be of interest to all those involved in promoting a positive stance towards mathematics for all.

First Call for papers/contributions

You are invited to submit abstracts or brief descriptions of proposed contributions concerned with academic and/or practitioner research and/or development in promoting mathematical resilience.

There are six categories of presentation:

<p>1. Teaching and learning</p> <ul style="list-style-type: none"> a. Teaching and learning – children b. Teaching and learning – adolescents c. Teaching and learning - older learners and adults
<p>2. Coaching for mathematical resilience: skilled non-specialists and peers</p>
<p>3. Parenting for mathematical resilience</p>
<p>4. Other interventions in the community</p> <p><i>The standard format for these sessions will be to allow 10 minutes for presentation and 8 minutes for comment and feedback.</i></p>
<p>5. Poster presentations</p> <p><i>Poster presentations are invited for research and innovations that have not been developed to the completeness required for oral presentation. There will be an opportunity for presenters to speak about their posters during the programmed poster session. Posters may be made available on the conference website.</i></p>
<p>6. Video presentations</p> <p><i>Video presentations are invited from organisations and individuals who wish to showcase an approach or an idea. Videos may be made available or linked on the conference website.</i></p>

Guidelines for submissions

Contributions may address any issues of concern at all stages of mathematics education across the lifespan. The abstract or brief description of no more than 300 words should indicate the main features of the proposed presentation.

Submission is by webpage at:

<http://www2.warwick.ac.uk/fac/soc/ces/research/current/mathematicsresilience/november/submission>

Criteria for categories

A panel of assessors will judge submitted abstracts on the following criteria:

- Importance and relevance of content for a national and international audience
- Originality
- Design

The organising group may vary formats to create themed sessions which will allow for more discussion of contributions that address similar issues.

Contributions that are not accepted in the category to which they were originally submitted will be considered for presentation in other categories as appropriate. Authors will be informed of the category in which their submissions have been accepted and given the opportunity to confirm or decline to present.

Abstracts of all accepted contributions will appear in the conference proceedings.

Submissions should be received by **5pm, Friday 12th June 2015**. All entries must be entered via the online abstract submission process which can be accessed from our website

Please note that allocation of presentation slots throughout the conference will be determined by the conference organisers and once allocated cannot be altered. Author(s) of accepted abstracts must register and pay to attend the conference in order to present their work.

Fees and Bursaries

Registration Type	Regular fee	Early bird fee, including presenters	Price includes	Both registrations include:
3 day residential rate	£450	£399	<ul style="list-style-type: none"> • Two Nights' Accommodation • All meals and Refreshments¹ 	<ul style="list-style-type: none"> • Car parking • Wifi • 24hr Business Centre
1 day rate	£65	n/a	<ul style="list-style-type: none"> • Lunch • Refreshments • Car parking 	<ul style="list-style-type: none"> • Access to University Sports facilities

1 For day three of the conference, price only includes breakfast and lunch.

Bursaries (up to £500) are available for UK teachers and other contributors not covered by HEFCE funding. The bursary is for conference fees and travel costs to enable wider participation by practitioners. The bursary is conditional on being accepted to make a contribution to the conference. They will be allocated on a first-come basis. Applications for bursaries can be made at the same time as submitting an abstract.

Conference website

For news and updates, please visit the conference website:

<http://www2.warwick.ac.uk/fac/soc/ces/research/current/mathematicsresilience/>

Contacts

Conference Organisers

- **Sue Johnston-Wilder**, University of Warwick: sue.johnston-wilder@warwick.ac.uk
- **Clare Lee**, Open University: clare.lee@open.ac.uk

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