

Society for Industrial and Applied Mathematics

United Kingdom and Republic of Ireland Section (SIAM-UKIE)



SIAM-UKIE Newsletter

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Events Update

[Adaptive Algorithms for Computational PDEs](#)
January 5-6, 2016, University of Birmingham

[7th International Conference on Algorithmic Differentiation](#) September 12-15, 2016,
University of Oxford

20th Anniversary Meeting of SIAM-UKIE

The online registration is now open for the [20th Annual Meeting of the UK and Republic of Ireland Section of SIAM](#). The meeting will be held on **January 7, 2016** at the Department of Applied Mathematics and Theoretical Physics (DAMTP), University of Cambridge. For further details about the programme and to register, please visit the webpage: <http://www.damtp.cam.ac.uk/events/siam2016/>. The registration deadline is December 18, 2015.

New SIAM Prize for Mid-Career Established Researchers in Nonlinear Waves

[SIAM](#) has introduced a new prize in honour of **T. Brooke Benjamin (1929-1995)**, a British mathematician who made seminal contributions to the subject of nonlinear waves and coherent structures. The prize is to be awarded to a mid-career established researcher for recent outstanding research in nonlinear waves. Eligibility and other details can be found at the website: https://www.siam.org/prizes/sponsored/benjamin_nwcs.php. The first award will be made at the NWCS activity group meeting in August 2016. The deadline for nomination is December 31, 2015.

2nd Annual Stokes Modelling Workshop at NUI Galway

The [NUI Galway Student Chapter of SIAM](#) together with the Stokes Cluster for Applied Mathematics organised the [2nd Annual Modelling Workshop](#) in June 15-18, 2015. This four-day workshop aimed to provide experience of real-world mathematical modelling to a



group consisting mainly of second and third year undergraduate students. Participants came from a variety of backgrounds, including Mathematical Science, Financial Mathematics, Physics, and Engineering. Students were presented with five problems dealing with pollution modelling, drug delivery, flight networks, vibration of aircraft wings, and modelling of chemical structures. Following division into groups, intensive brainstorming and group-work ensued, resulting in a sound mathematical model for each problem. The workshop concluded with an impressive presentation of results from each group. — *Paul Greaney (Secretary/Treasurer, SIAM Chapter NUI Galway)*

The [2nd NUI Galway SIAM Student Chapter Conference](#) will be held on December 3, 2015.

Job Opportunities

The [School of Mathematics at Cardiff University](#) seeks to appoint a full-time [Lecturer in Mathematics](#) in an area that will establish further collaboration with the [School of Computer Science and Informatics](#). Areas of interest include numerical algorithms, analysis of graphs, image and signal processing, computer security, optimization, statistical modelling, machine learning and big data analysis. The closing date for applications is November 10, 2015.