



Computational Acoustics Special Interest Group

Tuesday 20th February 2018

Macdonald Burlington Hotel, Birmingham, B2 4JQ

Free to attend. To register: contact Dr Valerie Pinfield (v.pinfield@lboro.ac.uk)

Programme:

- 09.30 Welcome and Introduction
Dr Valerie Pinfield, Leader of Computational Acoustics Special Interest Group
- 09.45 Boundary element method
Dr David Hewett, University College London
- 10.15 Finite difference method for aeroacoustics
Dr Bidur Khanal, Cranfield University
- 10.45 Finite volume method
Dr Mark Allan, Zenotech
- 11.15 Refreshments
- 11.45 Ray-tracing for structure-borne sound using linear operators - the Dynamical Energy Analysis
Prof Gregor Tanner, University of Nottingham
- 12.15 Finite element method and coupled methods for acoustics
Dr James Gaffney, COMSOL
- 12.45 Finite element method for linear scattering problems
Dr Valerie Pinfield, Loughborough University
- 1.00 Lunch and networking
- 2.00 Structured discussions: activities of the Group
- 4.15 Concluding remarks

Organisers:

Dr Valerie Pinfield, Loughborough University, v.pinfield@lboro.ac.uk

Prof Simon Chandler-Wilde, Reading University, s.n.chandler-wilde@reading.ac.uk

Dr Jonathan Hargreaves, Salford University, J.A.Hargreaves@salford.ac.uk

Please also register as a member of the Acoustics Network and this Special Interest Group through the website www.acoustics.ac.uk. Note that the original group name (Numerical Methods) may still be appearing on the website.