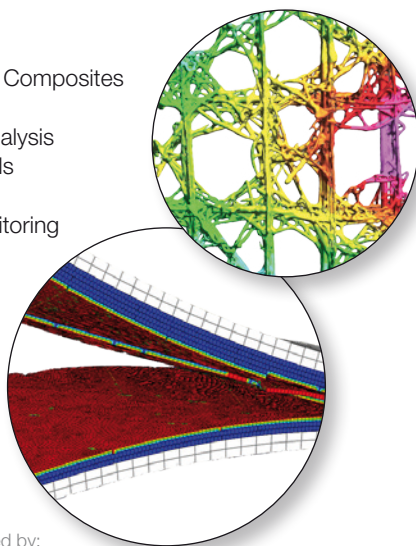


Objectives

The scope of the 5th ECCOMAS Thematic Conference on the Mechanical Response of Composites is the scientific investigation of complex mechanical behaviour of composite materials and structures. The conference focuses mainly on theoretical and numerical modelling and prediction of the performance of composite components, also covering experimental validation and challenging industrial applications or recent developments.

Conference Topics

Continuum Damage Mechanics
Delamination
Dynamics
Fatigue
Fracture Mechanics
Impact
Meshless and Novel Numerical Methods
Micro-mechanics
Model Identification
Multi-scale Modelling
Multifunctional Materials
Novel Materials
Optimisation
Laminated and Textile Composites
Probabilistic Methods
Progressive Failure Analysis
Reduced Order Models
Stability
Structural Health Monitoring
Virtual Testing
Other related themes



The conference is sponsored by:



Important Dates

16 January 2015	Abstract Submission
28 February 2015	Notification to authors
30 May 2015	Paper submission*
31 July 2015	Registration closes

* Registration is required by 30 May 2015 for presenting authors.

Registration

Registration will open from 28 February 2015.

Registration Fees	Before 30 April 2015	After 30 April 2015
Full	£500	£550
ECCOMAS/ IACM members	£450	£500
Students	£300	£350

Registration fee includes:

Conference Proceedings, Lunch and Coffee Breaks, Welcome Reception, Conference Dinner (Extra £50 charge for dinner for students and accompanying persons).

Contact Information

Advanced Composites Centre for Innovation and Science (ACCIS)

University of Bristol
Queen's Building
University Walk
Bristol BS8 1TR
United Kingdom

E: composites-2015@bristol.ac.uk

T: +44 (0)117 33 15782

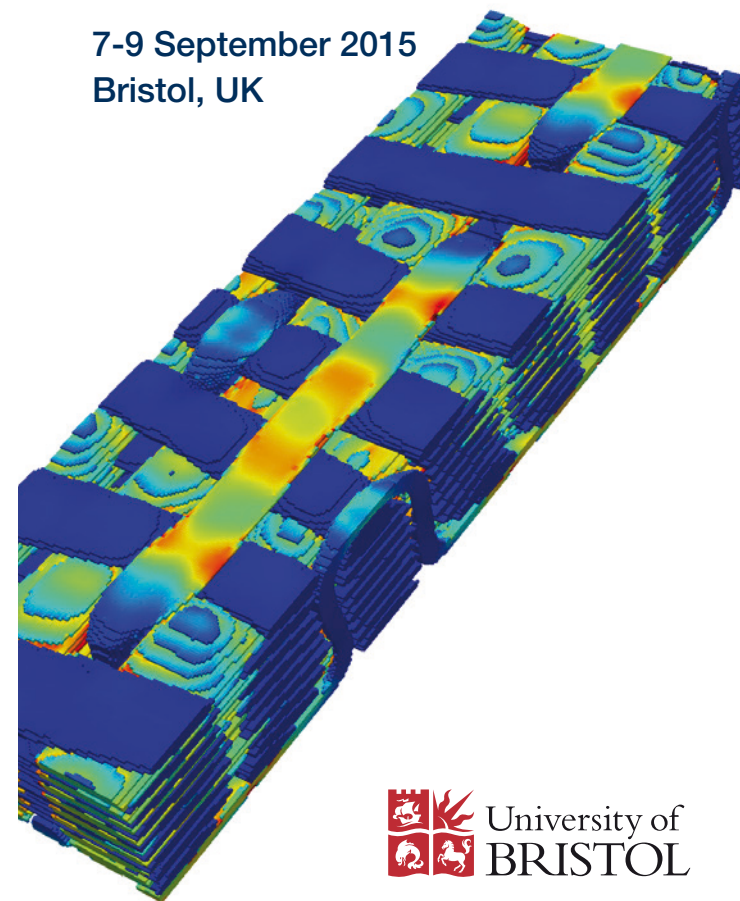
www.composites2015.info



Composites 2015

5th ECCOMAS Thematic Conference on
The Mechanical Response
of Composites

7-9 September 2015
Bristol, UK



Organising Committee

Conference co-chairs

S.R.Hallett University of Bristol, UK
J.J.C. Remmers TU Eindhoven, Netherlands

K. Drury University of Bristol, UK
P. Harper University of Bristol, UK
D. Ivanov University of Bristol, UK
S. Natarajan University of Bristol, UK.

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A. Ferreira Universidade do Porto, Portugal
K. Gamstedt Uppsala University, Sweden
L. Iannucci Imperial College, UK
M. Kawai University of Tsukuba, Japan
J. Llorca IMDEA & U. P. Madrid, Spain
S. Lomov KU Leuven, Belgium
E. Lund Aalborg Universitet, Denmark
C. McCarthy U. Limerick, Ireland
P. Middendorf University of Stuttgart, Germany
E. Oñate U. Politècnica de Catalunya, Spain
F. Paris Universidad de Sevilla, Spain
H. Pettermann Vienna U. Technology, Austria
S.T. Pinho Imperial College, UK
J.N. Reddy Texas A&M University, USA
R. Rolfes Leibniz U. Hannover, Germany
K. Schulte TU Hamburg-Harburg, Germany
B.F. Sørensen DTU, Denmark
R.R. Talreja Texas A&M University, USA
A. Turon Universitat de Girona, Spain
R. Vaziri U. British Columbia, Canada
F. van der Meer TU Delft, Netherlands
A.M. Waas University of Michigan, USA
M.R. Wisnom University of Bristol, UK
Q. Yang University of Miami, USA



Venue

The conference will be held at the University of Bristol, UK, hosted by the Advanced Composites Centre for Innovation and Science in the Queen's Building, which was opened by Her Majesty Queen Elizabeth II in 1958 and again visited in 2005 for the opening of new research laboratories.

The conference dinner will be aboard Victorian engineer Isambard Kingdom Brunel's historic steamship, the SS Great Britain.

Travel

Bristol is easily accessible, being located just 1.5 hours by train from London. There are direct coach transfers from London Heathrow and Gatwick airports to Bristol city centre. Bristol also has its own international airport, which receives direct flights from mainland Europe.



Invited Lectures

Stéphane Bordas U. Luxembourg, Luxembourg
Matt Jevons Rolls-Royce plc, UK
Javier Llorca IMDEA & U. P. Madrid, Spain.

Instructions for Authors

Prospective authors are invited to submit a one page abstract by 16 January 2015 using the online system at: www.composites2015.info/submit

Full papers (max. 12 pages) for accepted abstracts will be due by 30 May 2015.

For templates and further information, please visit the conference website: www.composites2015.info

Selected authors will be invited to submit full length journal papers for a special issue of Composites Part A, to be subject to their normal full peer review process.

Dedicated poster sessions, with oral introductions, will be run and there will be a student poster competition, with a cash prize. Poster submissions will not require a full paper.

