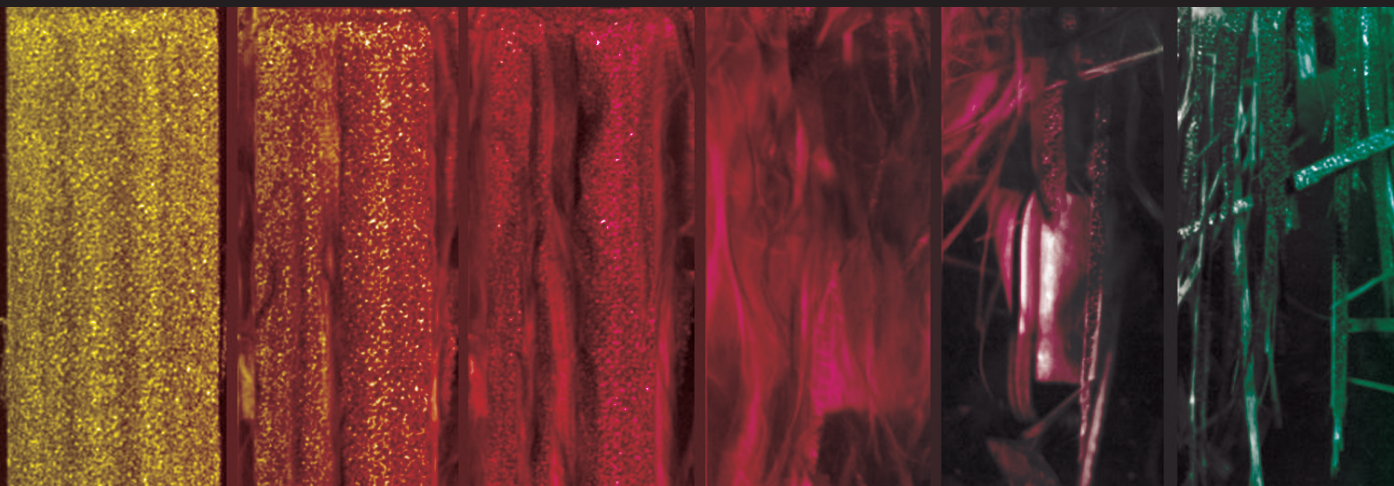




High speed imaging for dynamic testing of materials and structures

21st DYMAT Technical Meeting

18–20 November 2013, Institute of Physics, London, UK

Organised jointly by the IOP Applied Physics and Technology Division and DYMAT Association



<http://aptd.iopconfs.org>

Main conference themes

- Metrology
 - Camera/equipment assessment
 - DIC, grids, etc: metrological evaluation for full-field strain and acceleration measurements
 - High and ultra high speed full-field thermal measurements
- Methodology
 - Full-field measurements data processing
 - Parameter identification/inverse problems
 - Innovative test design
- Applications
 - Constitutive behaviour
 - Failure/fracture
 - Observation of damage and failure processes
 - All types of materials/structures will be considered

Keynote speakers

- Prof. John E Field, University of Cambridge, UK
- Dr Phillip Reu, Sandia National Laboratories, USA
- Prof. Mikael Sjö Dahl, Luleå University of Technology, Sweden

Format

The meeting will take place over three days in single-session format to maximise interaction between speakers and audience. The conference will also include interactive poster sessions, an exhibition of high speed camera manufacturers and a round table session on current challenges and future developments in high speed imaging.

Publication

Four-page abstracts for oral and poster presentations are invited. In parallel, some authors will be asked to contribute to a themed issue on the topic of the meeting, to be published in *Strain* (Wiley-Blackwell).

Important deadlines

Abstract submission deadline	28 February 2013
Notification of abstract acceptance	30 April 2013
Early registration deadline	31 July 2013
Registration deadline	11 November 2013

Organising committee

- Prof. Fabrice Pierron, University of Southampton, UK
- Prof. Janice M Barton, University of Southampton, UK
- Prof. Pascal Forquin, Lorraine University, France
- Dr Alec Goodyear, The Open University, UK
- Prof. William G Proud, Imperial College London, UK
- Dr Clive Siviour, University of Oxford, UK

Further information

<http://aptd.iopconfs.org>

General enquiries

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