



DCDS'13 Call for Participation

4th IFAC WORKSHOP ON DEPENDABLE CONTROL OF DISCRETE SYSTEMS

York, United Kingdom 4th - 6th September 2013

About DCDS

The aim of the workshop is to provide the communities of safety/reliability analysis and of Discrete-event Systems with an opportunity to exchange information and new ideas, and to discuss new developments in theory and computer tools in the fields of Dependable Control of Discrete-event Systems and Model-based Safety and Reliability Analysis. Researches in this field are driven by the needs of many different applications domains, such as production systems, transport systems, automotive, embedded systems and networks.

Invited Speakers

- Bev Littlewood, Centre for Software Reliability, City University London, UK, "Assessing the probability of failure of 1-out-of-2 software-based systems: now you can multiply two small numbers ..."
- Alessandro Giua, University of Cagliari, Italy, "Diagnosis and diagnosability of discrete event systems using Petri nets"
- Marc Bouissou, Électricité de France, France, "Stochastic hybrid systems"

Host City

York is a walled city by the river Ouse with a rich heritage, a wealth of cultural activities, and a historic centre hosting important Roman and Viking ruins, one of the largest and more elaborate Gothic cathedrals in Europe, cobbled streets and many original medieval buildings.

Programme

The programme is spread over three days and, beyond the invited talks, includes 28 papers that describe the latest advances in Dependable control and Diagnosis of Discrete-event Systems as well as the state of the art in Model-based Dependability Analysis and Optimisation.

<http://dcds13.net.dcs.hull.ac.uk/programme>

Social Events

- Banquet in a medieval hall in York
- Guided city tour of York



Sponsor

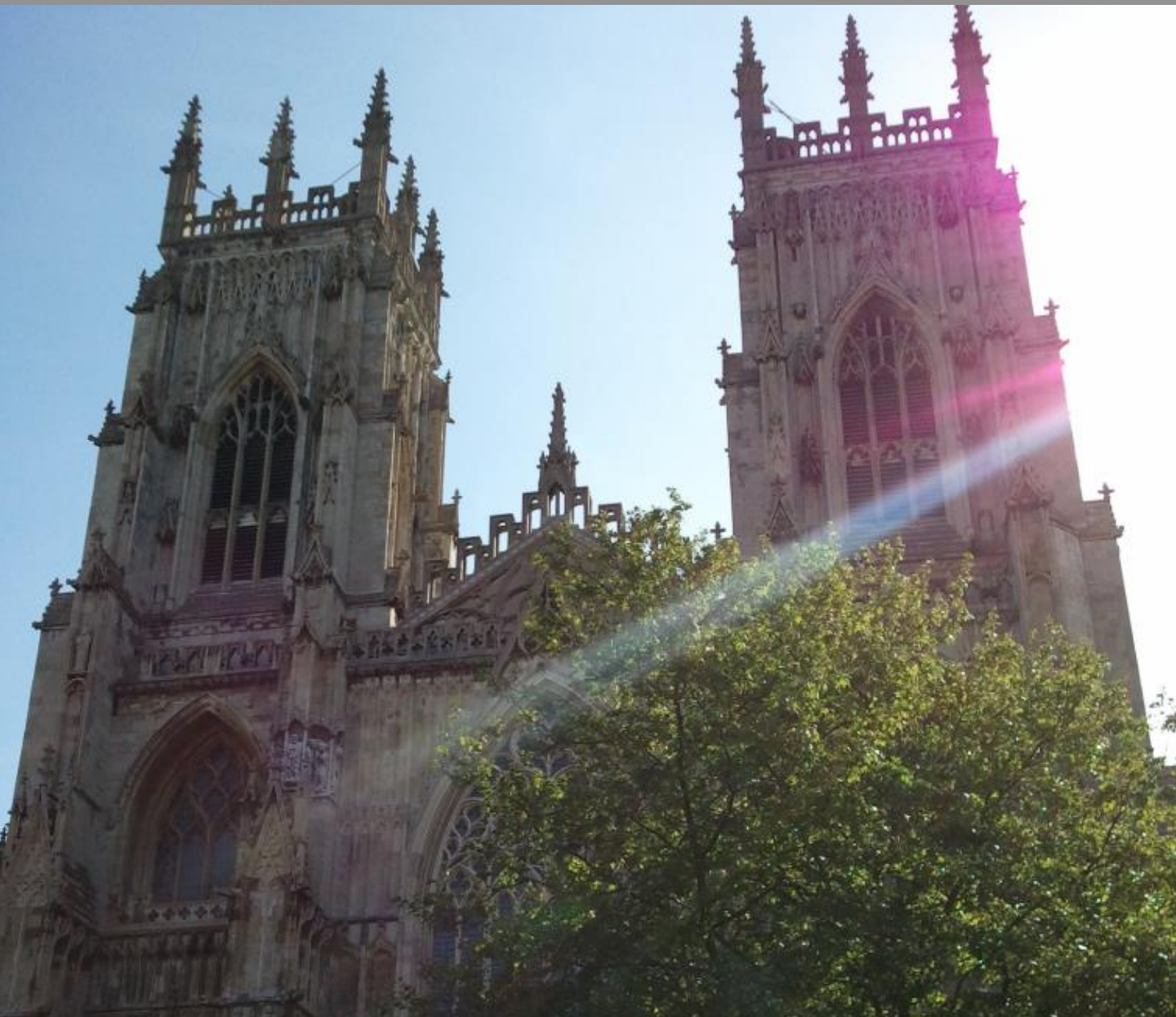
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International Program Committee

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- Antoine Rauzy (Ecole Polytechnique Paris, France)
- John McDermid (University of York, UK)
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Industrial Vice-Chair:

- Mario Trapp (Fraunhofer IESE, Germany)

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