



THE SAFETY-CRITICAL SYSTEMS CLUB

## 28<sup>th</sup> Safety-Critical Systems Symposium

11-13<sup>th</sup> February 2020, York, UK

### Invitation to submit an abstract

The Safety-critical Systems Symposium in 2020 (SSS'20) returns to the Principal Hotel, York, UK. The event comprises three days of presented papers, including keynote presentations, submitted papers and a poster session. Papers and posters will be selected based on abstracts.

The Symposium is for all of those in the field of systems safety, including students, engineers, managers, consultants, researchers, regulators and assessors. It offers wide-ranging coverage of current safety topics, and a blend of academic research and industrial experience, including recent developments in the field and progress reports from the SCSC Working Groups. It covers all safety-related domains including aerospace, defence, healthcare, highways, marine, nuclear and rail.

The following list of topics is offered as a guide for authors:

Agile Methods	Model-based Development
Artificial Intelligence	Multi-core / many-core
Assurance Cases	Practice and Process
Autonomy	Safety Culture
Big data	Safety Management
Cloud-based Systems	Security-informed Safety
Data in Safety Systems	Service-oriented Safety
Domain Knowledge	Software
Human Factors	Standards and Guidance
Internet of Things	Systems-of-Systems
Lessons Learnt	Testing
Machine Learning	Training and training data
Methods and Tools	Validation and Verification

Prospective authors for papers should submit a title and 200-word abstract to **mike.parsons@scsc.uk** by 31<sup>st</sup> May 2019. Successful authors will then be invited to prepare their paper (< 6,000 words) for submission by 30<sup>th</sup> September 2019.

Poster authors should submit a title and 200-word abstract to **mike.parsons@scsc.uk** by 31<sup>st</sup> August 2019. Priority for posters will be given those studying or aged under 27.

Submissions will be reviewed, and comments fed back during October. The proceedings book will be published at the event; the book, posters and papers will also be online.

For **information, exhibition and booking** enquiries please contact: Alex King, Dept of Computer Science, University of York, Deramore Lane, York, YO10 5GH. Tel: 01904 325402; **alex.king@scsc.uk**

For **technical aspects, abstract and paper submissions**, please contact: Mike Parsons, **mike.parsons@scsc.uk**

[www.scsc.uk/sss](http://www.scsc.uk/sss)

# SSS' 20



Details of this and other events at: [www.scsc.uk](http://www.scsc.uk)

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SCSC 28<sup>th</sup> Annual Symposium