



## Call for Papers

2<sup>nd</sup> International Workshop on the

### Certification of Safety-Critical Software Controlled Systems (SafeCert)

A satellite event to ETAPS 2009

#### Scope

In many domains like transportation, power generation, medical technology, manufacturing and space exploration, statutory obligations traditionally require a formalized certification for the development of high assurance products. Formal methods are part of the standard recommendations, in particular for the higher safety integrity levels. However, experience shows that certifiable development of high-assurance software needs a lot more than pure application of formal techniques and tools that are founded on a formal semantics and support in parts automated code generation, formal analysis, verification or error detection. The major question to be addressed in the workshop is how to embed formal methods and tools in a seamless design process which covers several development phases and which includes an efficient construction of a safety case for the product.

#### Contributions

Contributions are sought on all related topics, both from scientific and industrial perspective.

#### Programme Committee

Jens Braband, Siemens TS, Germany  
Fabrice Derepas, CEA, France  
Javier Goikoetxea, CAF, Spain  
Connie Heitmeyer, Naval Research Laboratory, USA  
Jozef Hooman, ESI Eindhoven, Netherlands  
Michaela Huhn, TU Braunschweig, Germany (Co-Chair)  
Hardi Hungar, OFFIS, Germany (Co-Chair)  
Tim Kelly, Univ. York, UK  
Stephan Merz, INRIA, France  
Iulian Ober, U Toulouse 2, France  
Andras Pataricza, Budapest U, Hungary  
Bernhard Schätz, TU Munich, Germany

Submission of full papers: **05 Jan 2009**  
Notification of acceptance: **19 Jan 2009**  
Camera ready version: **30 Jan 2009**

#### Proceedings

The proceedings will be published as a volume of the "Electronic Notes in Theoretical Computer Science" (ENTCS)

#### Workshop Date and Venue

29 March 2009, York, UK  
(in connection to ETAPS 2009)

#### Organizers

Michaela Huhn (m.huhn@tu-bs.de)  
Hardi Hungar (hungar@offis.de)

#### Important Dates

#### Paper Submission

Electronic submission (pdf, ps) to: <http://sttt.cs.uni-dortmund.de/safecert09/servlet/Conference>

**Full papers:** 15 pages, **Short / position papers:** 6 pages, **Format:** ENTCS style (preferred)

#### Links

SafeCert: <http://safecert09.offis.de> ETAPS: <http://www.cs.york.ac.uk/etaps09/>