Preliminary Call for Papers

3rd International Workshop on the

Certification of Safety-Critical Software Controlled Systems (SafeCert)
A satellite event to ETAPS 2010

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
Janusz Górski, Gdansk Univ. of Technology, Poland
Michaela Huhn, TU Braunschweig, Germany (Co-Chair)
Hardi Hungar, OFFIS, Germany (Co-Chair)
Mark Lawford, McMaster Univ., Canada
Stephan Merz, INRIA, France
Iulian Ober, U Toulouse 2, France
Bernhard Schätz, TU Munich, Germany
Erwin Schoitsch, AIT Wien, Austria
<further members tba>

Invited Speaker
<to be announced>

Important Dates
Submission of full papers:	**05 Jan 2010**
Notification of acceptance:	**29 Jan 2010**
Camera ready version:	**12 Feb 2010**

Proceedings
The workshop proceedings will be published as a volume of the "Electronic Notes in Theoretical Computer Science"

Workshop Date and Venue
21 March 2010, Paphos, Cyprus
(in connection to ETAPS 2010)

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

Paper Submission
Electronic submission (pdf, ps) to: http://sttt.cs.tu-dortmund.de/conference/safecert2010/
(open from December 17, 2009)

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

Links
SafeCert: http://safecert10.offis.de/ ETAPS: http://www.etaps10.cs.ucy.ac.cy/