



## Call for contributions

### 4th Workshop

# Development of reliable software systems

June, 30<sup>th</sup>, 2011, Bosch Center Feuerbach, Stuttgart

#### Topics

The organizers ask for submission of papers on the topic development of reliable software systems to the extent of 3-6 pages or corresponding lecture materials. Contributions are welcome for the following topics

- Requirements Engineering
- Reliability of mobile systems
- Multi-core architectures and migration
- Real-time systems
- Languages versus Libraries
- Process models and processes
- Fulfillment of functional and nonfunctional requirements
- Risk assessments, standards and SIL
- Fault tolerance and redundancy concepts
- Proof of compliance with safety requirements
- Evaluation of implemented systems

#### Schedules

Submission of workshop documents:

Friday 18 February 2011

Notification of acceptance and desired written version:

Friday 15 April 2011

Submission of articles (written text or presentation):

Monday 6 June 2011

Submission with keyword "Beitrag Workshop 2011" to: [beitrag@ada-deutschland.de](mailto:beitrag@ada-deutschland.de)

#### Publication

Accepted papers will be published on the website of Ada Germany.

Requested written papers are passed for publication to the SWT-trends of the GI-Fachbereich of Software Engineering. Please follow the guidelines of the SWT-trends.

#### Program Committee

Chair: Hubert B. Keller, KIT Karlsruhe; Erhard Plödereder, Universität Stuttgart.

Gerhard Beck, Rhode&Schwarz SIT; Peter Dencker, ETAS; Dirk Dickmanns, EADS; Simon Fürst, BMW Group; Christoph Grein, Eurocopter Deutschland; Erwin Großpietsch, ENCRESS; Peter Hermann, Universität Stuttgart; Herbert Klenk, Cassidian; Jürgen Mottok, Hochschule Regensburg; Ulrich Lefarth, Thales Rail Signalling Solutions; Michael Ebert, Robert Bosch GmbH; Francesca Saglietti, Universität Erlangen-Nürnberg; Christian Scheidler, Daimler AG; Claus Stellwag, Elektrotbit Automotive.

#### Workshop Administration

Peter Dencker, ETAS GmbH, Stuttgart

Hubert B. Keller, KIT Karlsruhe

#### Organisational Administration

Peter Dencker, ETAS GmbH, Stuttgart

#### Venue

Bosch Center Feuerbach

#### Supporting Organisations:

- Gesellschaft für Informatik, Fachbereiche „Sicherheit“ und „Softwaretechnik“
- Fachgruppe Ada und zuverlässige Softwaresysteme
- Fachgruppe ENCRESS
- VDI/VDE-Gesellschaft Mess- und Automatisierungstechnik, Fachausschuss Embedded Software
- Förderverein Ada Deutschland e. V.

#### Contact

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