FACS 2015

12th International Conference on Formal Aspects of Component Software

Rio de Janeiro, Brazil, October 14–16, 2015

`http://facs2015.ic.uff.br/`

Overview and Scope

FACS 2015 is concerned with the application of formal methods in all aspects of software components and services. Specific topics include, but are not limited to:

- formal models for software components and their interaction;
- formal aspects of services, service-oriented architectures, business processes, cloud computing, ensembles, and similar artifacts;
- design and verification methods for software components and services;
- formal methods and modeling languages for components and services;
- model-based and GUI-based testing of components and services;
- models for QoS and other extra-functional properties (e.g., trust, compliance, security) of components and services;
- probabilistic techniques for modeling and verification;
- case studies and experience reports;
- update and reconfiguration of component and service architectures;
- tools supporting formal methods for components and services.

Submission

We solicit submissions reporting on:

A — original research contributions (18 pages max)
B — applications and experiences (18 pages max)
C — surveys, comparisons, state-of-the-art reports (18 p. max)
D — tool papers (6 pages max)

Publication

Accepted papers will appear in the proceedings of FACS 2015 that will be published as a volume in Springer's LNCS.

Authors of selected accepted papers will be invited to submit extended versions to appear in a special issue of the Science of Computer Programming journal.

Important Dates

Abstract submission deadline: June 22

Submission deadline: June 28

Notification: August 28

Conference: October 14–16

Program Committee Chairs

Christiano Braga   Universidade Federal Fluminense
Peter Ölveczky   University of Oslo

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