

ICE11



Reliable and
Contract-Based Interactions

in DisCoTec 2011
9th of June, Reykjavik

Interaction and Concurrency Experiences is intended as a series of international scientific meetings oriented to researchers in various fields of computer science. The timeliness and novelty of these events rely both on the variety of the topics that will be treated on each event and on the adopted paper selection mechanism.

Every experience will focus on a different specific topic which affects several areas of computer science. A thorough scientific debate among PC and authors of submitted papers will be part of the reviewing process. After the paper selection phase, papers will be published on the web and the discussion will be extended to perspective participants.

Highlights

- Invited talk by **Prakash Panangaden**
- Travel grants for young researchers
- Innovative selection procedure
- Possible Selection for a Special Issue



Dissemination

The ICE11 post-proceeding will be published in Electronic Proceedings in Theoretical Computer Science.

Important Dates

- Abstract submission: 28 March
- Submission deadline: 4 April
- Discussion: from 11 April to 7 May
- Notification to authors: 9 May

Selection Procedure

The workshop proposes an innovative selection mechanism based on an interactive discussion amongst authors and PC. As shown by the past editions of ICE, this considerably improves the quality of the papers, the reviews and the discussion during the workshop.

Topics

- > logics and types for interactions
- > concurrent models and semantics
- > techniques and tools for specification, analysis, verification of reliable interaction
- > programming primitives for reliable interactions
- > languages, protocols and mechanisms for sound coordination
- > "by construction" guarantees for reliable interaction
- > expressiveness results
- > formal languages for contracts
- > formal analysis of contracts
- > contract negotiation, discovery and monitoring

Program Committee

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