

**CALCO-Jnr 2011**  
**CALCO Young Researchers Workshop**  
**August 29, 2011**  
**News**

The post-proceedings of CALCO-Jnr are now published as a University of Southampton [ePrint](#)

The CALCO Young Researchers Workshop, CALCO-Jnr, is a CALCO satellite workshop dedicated to presentations by PhD students and young researchers. Attendance at the workshop is open to all - it is anticipated that many CALCO conference participants will want to attend the CALCO-jnr workshop (and vice versa).

**Topics of Interest**

The CALCO Young Researchers Workshop invites submissions on the same topics as the CALCO conference: reporting results of theoretical work on the mathematics of algebras and coalgebras, the way these results can support methods and techniques for software development, as well as experience with the transfer of the resulting technologies into industrial practice. In particular, the workshop will encourage submissions related to the topics listed below.

- **ABSTRACT MODELS AND LOGICS**  
Automata and languages, Categorical semantics, Modal logics, Relational systems, Graph transformation, Term rewriting, Adhesive categories.
- **SPECIALISED MODELS AND CALCULI**  
Hybrid, probabilistic, and timed systems, Calculi and models of concurrent, distributed, mobile, and context-aware computing, General systems theory and computational models (chemical, biological, etc).
- **ALGEBRAIC AND COALGEBRAIC SEMANTICS**  
Abstract data types, Inductive and coinductive methods, Re-engineering techniques (program transformation), Semantics of conceptual modelling methods and techniques, Semantics of programming languages.
- **SYSTEM SPECIFICATION AND VERIFICATION**  
Algebraic and coalgebraic specification, Formal testing and quality assurance, Validation and verification, Generative programming and model-driven development, Models, correctness and (re)configuration of hardware/middleware/architectures, Process algebra.

**Submission**

CALCO-Jnr presentations will be selected according to originality, significance, and general interest, on the basis of submitted 2-page abstracts. A booklet with the abstracts of the accepted presentations will be available at the workshop.

Submissions are handled via the [EasyChair system](#) . The use of [LNCS style](#) is strongly encouraged.

After the workshop, the author(s) of each presentation will be invited to submit a full 10-15 page paper on the same topic. They will also be asked to write (anonymous) reviews of papers submitted by other authors on related topics. Additional reviewing and the final selection of papers will be carried out by the CALCO-Jnr PC.

**Important Dates**

May 8, 2011

Deadline for 2-page abstract submission

May 30, 2011

Notification of abstract selection decision

June 30, 2011

Final version of abstract due

August, 29

CALCO-jnr, CALCO Young Researchers Workshop

August 30-September 2, 2011

CALCO technical programme

October 20, 2011

Deadline for 10-15 page paper submission

December 2011

Notification of paper selection decision  
TBA

Final version of paper due  
**Program Committee**

- [Corina Cirstea](#) , University of Southampton, UK
- [Magne Haveraaen](#) , University of Bergen, NO
- [John Power](#) , University of Bath, UK
- [Monika Seisenberger](#) (chair), Swansea University, UK
- [Toby Wilkinson](#) , University of Southampton, UK

### **Posters**

- [Low quality \(for online viewing\)](#)
- [High quality \(for printing\)](#)

### **Publications**

- [Abstracts booklet](#)
- [Selected papers](#)