

## CALL FOR PAPERS

### Tenth International Conference on TYPED LAMBDA CALCULUS AND APPLICATIONS (TLCA 2011)

1st – 3rd June 2011, Novi Sad, Serbia

<http://www.rdp2011.uns.ac.rs/tlca/index.html>

#### Programme Chair:

Luke Ong, *Oxford*

#### Programme Committee:

Thorsten Altenkirch, *Nottingham*

Stefano Beradi, *Turin*

Adriana Compagnoni, *Stevens IT*

Giles Dowek, *École Polytechnique*

Silvia Ghilezan, *Novi Sad*

Hugo Herbelin, *INRIA, Paris*

Atsushi Igarashi, *Kyoto*

Ranjit Jhala, *UCSD*

Ralph Matthes, *CNRS, IRIT*

Ugo dal Lago, *Bologna*

Luke Ong, *Oxford*

Rick Statman, *CMU*

Tachio Terauchi, *Tohoku*

Nobuko Yoshida, *London*

The TLCA series of conferences is a forum for presenting original research in the theory and applications of typed lambda calculus, broadly construed. Suggested, but not exclusive, list of topics for submission are:

- Proof-theory: formal reasoning based on type theory, linear logic and proof nets, type-theoretic aspects of computational complexity
- Semantics: game semantics, realisability, categorical and other models
- Types: dependent types, polymorphism, intersection types and related approaches (union types, refinement / liquid types, behavioural types), type inference, types in program analysis and verification
- Programming: foundational aspects of functional and object-oriented programming, flow analysis of higher-type computation, program equivalence (step-indexed, bisimulation and related methods)

**Important Dates:** Authors are required to submit a paper title and a short abstract before submitting the extended abstract of the paper. All submissions will be electronic.

**Paper Registration (titles & short abstracts):** 26 January 2011

**Full Paper Submission:** 2 February 2011

**Author Notification:** 23 March 2011

**Camera-Ready Paper for the Proceedings:** 3 April 2011

(The above dates are tentative, to be confirmed as soon as possible.)

The paper submission deadline is STRICT. The submission of abstracts a week earlier allows the programme committee to start work before full versions are available. The submission site is now open for both abstracts and full papers.

Submission of an abstract does not entail an obligation to submit a full paper; however an abstract that is not accompanied by a full paper by the final deadline will be treated as withdrawn, but authors are strongly encouraged, in this case, to explicitly withdraw their submission by sending an e-mail to the PC Chair.

Submitted research papers must:

- be in English and not exceed 15 pages (including figures and bibliography). Additional material intended for the reviewers but not for publication in the final version—for example details of proofs—may be placed in a clearly marked appendix that is not included in the page limit. Reviewers will be told that they may choose to ignore the appendix
- present original research which is unpublished and not submitted elsewhere (conferences, journals, books, etc.)
- use the Springer-Verlag LNCS style <http://www.springer.com/computer/lncs/lncs+authors?SGWID=0-40209-0-0-0>.
- be submitted electronically in PDF via the EasyChair TLCA 2011 Submission Webpage <http://www.easychair.org/conferences/?conf=tlca2011>.

Submissions deviating from these instructions may be rejected without review. A condition of submission is that, if accepted, one of the authors must attend the conference to give the presentation. The proceedings of the conference will be published in the Springer-Verlag Lecture Notes in Computer Science series. Final papers will be in the format specified by Springer-Verlag. Any questions regarding the submission guidelines should be directed to the Program Committee Chair [Luke.Ong@comlab.ox.ac.uk](mailto:Luke.Ong@comlab.ox.ac.uk) prior to submitting.

**Colocated Events:** The Tenth International Conference on Typed Lambda Calculi and Applications (TLCA 2011) is organized as part of the Federated Conference on Rewriting, Deduction, and Programming (RDP 2011), together with the International Conference on Rewriting Techniques and Applications (RTA 2011) and several related events. Details on workshops affiliated with RDP 2011 will be available at the TLCA 2011 web site in due course.

#### Conference Chair:

Silvia Ghilezan, *Novi Sad*

#### Workshops Chairs:

Silvia Ghilezan, *Novi Sad*

Luke Ong, *Oxford*

Manfred Schmidt-Schauss, *Frankfurt*

#### TLCA Steering Committee Chair:

Mariangiola Dezani-Ciancaglini, *Turin*

#### TLCA Steering Committee:

Samson Abramsky, *Oxford*

Henk Barendregt, *Nijmegen*

Pierre-Louis Curien, *Paris*

Mariangiola Dezani-Ciancaglini, *Turin*

Roger Hindley, *Swansea*

Martin Hofmann, *Munich*

Simona Ronchi Della Rocca, *Turin*

Pawel Urzyczyn, *Warsaw*

#### TLCA Publicity Chair:

Luca Paolini, *Turin*