

Seventh International Conference on
Typed Lambda Calculi and Applications (TLCA'05)

Nara (Japan) 21 to 23 April 2005

<http://www.kurims.kyoto-u.ac.jp/rdp05/tlca/>
(Colocated with RTA as RDP '05)

Call For Papers

The TLCA series of conferences serves as a forum for presenting original research results that are broadly relevant to the theory and applications of typed lambda calculi and related systems. The following list of topics is non-exhaustive:

- Typed and untyped lambda-calculi as models of computation.
- Proof-theory: Natural deduction, sequent calculi, cut elimination and normalization. Propositions as types, linear logic and proof nets.
- Types: Subtypes, dependent types, type inference, polymorphism, types for security.
- Semantics: Denotational semantics, game semantics, realizability, categorical models.
- Programming languages: Foundations of functional and object-oriented programming, proof search, logic programming, type checking.
- Implementation: Abstract machines, parallel execution, optimal reduction, program optimization.
- Computer-aided reasoning.

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The programme of TLCA'05 will consist of three invited talks and about 25 papers selected from original contributions. Accepted papers will be published as a volume of Springer Lecture Notes in Computer Science series (<http://www.springer.de/comp/lncs/index.html>).

Submissions: The submitted papers should describe original work and should allow the Programme Committee to assess the merits of the contribution: in particular references and comparisons with related work should be included. Submission of material already published or submitted to other conferences with published proceedings is not allowed. Papers should not exceed 15 pages in Springer LNCS format (<http://www.springer.de/comp/lncs/authors.html>). An abstract (ASCII text) of no more than 150 words should be sent separately at least a week before the paper submission deadline. All submissions and abstracts should be sent by e-mail to tlca05@mimuw.edu.pl

Important dates: Authors are required to submit a paper title and a short abstract at least a week before the paper submission deadline. All deadlines below are at 24:00 Central European time (GMT+1).

Titles and abstracts due:	<i>October 25, 2004</i>
Paper submission deadline:	<i>November 2, 2004</i>
Notification:	<i>December 22, 2004</i>
Final versions due:	<i>January 31, 2005</i>

Inquiries on the programme and submissions should be sent to tlca05@mimuw.edu.pl. Inquiries concerning the conference organization and participation should be addressed to tlca05org@kurims.kyoto-u.ac.jp.