

TLCA '03 Conference Program

Tuesday, June 10

08:50 – 09:00	Opening
09:00 – 10:00	Higher-order beta-matching (Invited talk) <i>Ralph Loader</i>
10:00 – 10:30	A Fully Abstract Bidomain Model of Unary FPC <i>J. Laird</i>
10:30 – 11:00	Relative Definability and Models of Unary PCF <i>A. Bucciarelli, B. Leperchey, V. Padovani</i>
11:00 – 11:30	Coffee break 1
11:30 – 12:00	Principal Typing in elementary Affine Logic <i>P. Coppola, S. Ronchi della Rocca</i>
12:00 – 12:30	Nondeterministic Light Logics and NP-Time <i>F. Maurel</i>
15:30 – 16:00	Polarized Proof Nets with Cycles and Fixpoint Semantics <i>R. Montelatici</i>
13:00 – 15:00	Lunch
15:00 – 15:30	Max-Plus quasi-interpretations <i>R. Amadio</i>
17:30 – 18:00	Permutative Conversions in Intuitionistic Multiary Sequent Calculi with Cuts <i>L. Pinto, J. Santo</i>
12:30 – 13:00	Functional In-place Update with Layered Datatype Sharing <i>M. Konečný</i>
16:30 – 17:00	Coffee break 2
17:00 – 17:30	Parameterizations and Fixed-Point Operators on Control Categories <i>Y. Kakutani, M. Hasegawa</i>
16:00 – 16:30	A sound and complete CPS-translation for lambda-mu-calculus <i>K. Fujita</i>
18:00 – 18:30	A Universal Embedding for the Higher Order Structure of Computational Effects <i>J. Power</i>
18:30	Business meetings / Relax

Wednesday, June 11

09:00 – 10:00	A Logical Algorithm for ML Type Inference (Invited talk) <i>David McAllester</i>
10:00 – 10:30	Coffee break 1
10:30 – 11:00	On Strong Normalization in the Intersection Type Discipline <i>G. Boudol</i>
11:00 – 11:30	Well-Going Programs Can be Typed <i>S. Kahrs</i>
11:30 – 12:00	Termination and Productivity Checking with Continuous Types <i>A. Abel</i>
12:00 – 12:30	Derivatives of Containers <i>M. Abbott, T. Altenkirch, N. Ghani, C. McBride</i>
12:30 – 13:00	Inductive types in the Calculus of Algebraic Constructions <i>F. Blanqui</i>
13:00	Lunch

Thursday, June 12

09:00 – 10:00	Formalizing the proof of the four-color-theorem (Invited talk) <i>Georges Gonthier</i>
10:00 – 10:30	A Logical Framework with Dependently Typed Records <i>T. Coquand, R. Pollack, M. Takeyama</i>
10:30 – 11:00	Observational equivalence and program extraction in the Coq proof assistant <i>N. Oury</i>
11:00 – 11:30	Coffee break 1
11:30 – 12:00	Encoding of the Halting Problem into the Monster Type & Applications <i>T. Joly</i>
12:00 – 12:30	Abstraction Barrier-Observing Relational Parametricity <i>J. Hannay</i>
12:30 – 13:00	On a Semantic Definition of Data Independence <i>R. Lazic, D. Nowak</i>
13:00	Lunch