LFM'99:

Workshop on

Logical Frameworks

and

Meta-languages

28 September 1999

Paris, France

Held as part of the Colloquium on Principles, Logics, and Implementations of High-Level Programming Languages (PLI'99).

WORKSHOP PROGRAM

9:45–10:45 Session 1 (Chair: Amy Felty)

- **The Context Calculus Lambda-c**
  Mirna Bognar and Roel de Vrijer (Vrije University, The Netherlands)
- **Explicit Substitutions for Linear Logical Frameworks**
  Iliano Cervesato (Stanford University, USA), Valeria de Paiva (University of Birmingham, UK), and Eike Ritter (University of Birmingham, UK)

10:45–11:15 Coffee break

11:15–12:45 Session 2 (Chair: Raymond McDowell)

- **JaLoF: A Development Environment for Deduction Systems**
  Roderick Moten (Colgate University, USA)
- **Structured Type Theory**
  Catarina Coquand and Thierry Coquand (Chalmers University and University of Göteborg, Sweden)
- **Reflective Metalogical Frameworks**
  David Basin (University of Freiburg, Germany), Manuel Clavel (University of Navarre, Spain), and José Meseguer (SRI International, USA)

2:45–14:30 Lunch

14:30–16:00 Session 3 (Chair: Joëlle Despeyroux)

- **A Logic Programming Approach to Implementing Higher-Order Narrowing**
  Murat Sinan Aygun (Bogazici University, Turkey)
- **The Type Theory and Type Checker of GF**
  Petri Mäenpää (Nokia Telecommunications, Finland) and Aarne Ranta (Chalmers University and University of Göteborg, Sweden)
- **Pure Type Systems in Rewriting Logic**
  Mark-Oliver Stehr and José Meseguer (SRI International, USA)

16:00–16:30 Tea time

16:30–17:30 Session 4 (Chair: David Basin)

- **On Equivalence and Canonical Forms in the LF Type Theory**
  Robert Harper and Frank Pfenning (Carnegie Mellon University, USA)
- **Type Checking Meta Programs**
  Nikolaj Bjørner (Kestrel Institute, USA)

Program Committee:

David Basin (Freiburg)	Amy Felty (Bell Labs, Chair)
Iliano Cervesato (Stanford)	Sara Kalvala (Warwick)
Joëlle Despeyroux (INRIA)	Raymond McDowell (Kalamazoo)