Preliminary program PPDP 2012

Wednesday 19 September:

9.00 h: Registration
9.25 h: Opening of the Symposium
9.30 h: Joined invited talk PPDP-LOPSTR:
10.30 h: Coffee break
11.00 h: Recommended for PPDP: Invited talk LOPSTR:
   Tom Schrijvers: Search Combinators.
12.00 h: Lunch
13.00 h: Departure on the excursion to Bokrijk.
18.30 h: Conference Banquet at the Faculty Club

Thursday 20 September:

9.30 h: Invited talk:
   Torben Schaub: Answer Set Solving in Practice.
10.30 h: Coffee break
11.00 h: Technical Session 1: SPECIFICATION AND EXECUTION
   Matrix Code: Maarten van Emden
   Automatic Synthesis of Specifications for First Order Curry Programs: Giovanni Bacci, Marco Comini, Marco A. Feliú and Alicia Villanueva
   Goal-Directed Execution of Answer Set Programs: Kyle Marple, Ajay Bansal, Richard Min and Gopal Gupta
12.30 h: Lunch break
14.00 h: Technical Session 2: LOGICS
   Layered Fixed Point Logic: Piotr Filipiuk, Flemming Nielson and Hanne Riis Nielson
   A Polynomial Time λ-calculus with Multithreading and Side Effects: Antoine Madet
   Modeling Datalog Fact Assertion and Retraction in Linear Logic: Edmund Soon Lee Lam and Iliano Cervesato
15.30 h: Coffee break
16.00 h: Technical Session 3: MATCHING, PARSING AND SEARCH
Regular Expression Sub-Matching using Partial Derivatives: Martin Sulzmann and Kenny Zhuo Ming Lu

Functional semantics of parsing actions, and left recursion elimination as continuation passing: Hayo Thielecke

Tor: Extensible Search with Hookable Disjunction: Tom Schrijvers, Markus Triska and Bart Demoen

Friday 21 September:

9.30 h: PPDP's 10 years after best paper award and talk:

Marcelo Fiore: title to be announced

10.30 h: Coffee break

11.00 h: Technical Session 4: TYPES

Linear Dependent Types in a Call-by-Value Scenario: Ugo Dal Lago and Barbara Petit

Transparent Function Types: Clearing up Opacity: Enrique Martin-Martin and Juan Rodriguez-Hortala

Session Types Revisited: Ornela Dardha, Elena Giachino and Davide Sangiorgi

12.30 h: Lunch break

14.00 h: Technical Session 5: CONCURRENCY

Exception Handling for Copyless Messaging: Svetlana Jakšić and Luca Padovani

From the pi-calculus to Flat GHC: Ruben Monjaraz and Julio Mariño

Compiling CHR to parallel hardware: Andrea Triossi, Salvatore Orlando, Alessandra Raffaetà and Thom Fruehwirth

15.30 h: Coffee break

16.00 h: Technical Session 6: APPLICATIONS

Declarative distributed advertisement system for iDTV: an industrial experience: Macías López, Laura M. Castro and David Cabrero

Task-Oriented Programming in a Pure Functional Language: Rinus Plasmeijer, Bas Lijnse, Steffen Michels, Peter Achten and Pieter Koopman

A Linear Concurrent Constraint approach for the automatic verification of access permissions: Nestor Cataño, Carlos Olarte, Elaine Pimentel and Camilo Rueda

17.30 h: Closing