LOPSTR'13 PROGRAM

Wednesday: 18th September

9:00 - 10:00 Search is Dead – Long Live *Proof.* ***Peter Stuckey****, University of Melbourne*

10:00-10:30 Compiling a Functional Logic Language: The Fair Scheme

Sergio Antoy and Andy Jost, *Portland State University*

10:30 - 11:00 coffee break

11:00 - 12:30 Transformation

Generating Specialized Interpreters for Modular Structural Operational Semantics

Casper Bach Poulsen and Peter D. Mosses, *Swansea University*

From Outermost Reduction Semantics to Abstract Machine

Olivier Danvy and Jacob Johannsen, *University of Aarhus.*

Information Flow in Object-Oriented Software

Christoph Scheben, Peter Schmitt, Bernhard Beckert,Vladimir Klebanov, Mattias Ulbrich and Daniel Bruns*, Karlsruhe Institute of Technology*

12:30 - 14:00 lunch break

Excursion / Banquet

Thursday: 19th September

9:00 - 10:00 Invited Talk: Program Analysis using SMT and MAX-SMT

Albert Rubio, Universitat Politècnica de Catalunya

10:00 – 10:30 Extending Co-Logic Programs for Branching-Time Model Checking

Hirohisa Seki, *Nagoya Institute of Technology*

10:30 - 11:00 coffee break

11:00 - 12:30 Rewriting and Narrowing

A Finite Representation of the Narrowing Space

Naoki Nishida and German Vidal, *Universitat Politècnica de València*

Towards Erlang Verification by Term Rewriting

German Vidal, *Universitat Politècnica de València*

Towards The Implementation of Source-to-Source Transformation Tool for CHR Operational Semantics

Slim Abdennadher, Ghada Fakhry and Nada Sharaf, *German University in Cairo*

12:30 - 14:00 lunch break

14:00 - 15:30 Verification

Formalization and execution of Linear Algebra: from theorems to algorithms

Jesus Aransay and Jose Divasón, *Universida de La Rioja*

Enhancing Trace Debugging with Algorithmic and Omniscient Debugging

Juan González, David Insa and Josep Silva, *Technical Univ. of Valencia*

A Logical Encoding of Timed π-calculus

Neda Saeedloei, *Virginia Tech.*

15:30 - 16:00 coffee break

16:00 - 17:00 Analysis

Towards a Transformational Approach to Resource Analysis with Typed-Norms (Extended Abstract)

Elvira Albert, Samir Genaim and Raúl Gutiérrez,
Complutense University of Madrid, Spain

Energy Consumption Analysis of Programs based on XMOS ISA-Level Models

Steve Kerrison, Umer Liqat, Kyriakos Georgiou, Alejandro Serrano Mena, Neville Grech, Pedro Lopez-Garcia, Kerstin Eder and Manuel V. Hermenegildo
University of Bristol and IMDEA Software Institute