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 Johansen, 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