Programme

Saturday April 2, 2016, Room CZ 5 Auditorium

9:00 – 9:30: Opening

Session 1: 9:30 – 10:30. Chair: Grigore Roşu
9:30 – 10:30: Invited talk: Nikolaj Bjorner
All strings attached: string and sequence constraints in Z3

10:30-11:00: Coffee Break

Session 2: 11:00 – 12:30. Chair: Martin Wirsing
11:00 - 11:30 Stephen Skeirik and José Meseguer
Metalevel Algorithms For Variant Satisfiability
11:30 - 12:00 Óscar Martín, Alberto Verdejo and Narciso Martí-Oliet
Egalitarian state-transition systems
12:00 - 12:30 Shiji Bijo, Einar Broch Johnsen, Ka I Pun and Silvia Lizeth Tapia Tarifa
A Maude Framework for Cache Coherent Multicore Architectures

12:30 - 14:00 Lunch

Session 3: 14:00 – 15:30. Chair: Alexander Knapp
14:00 - 15:30 Tutorial: Grigore Roşu, Andrei Stefănescu, and Ștefan Ciobâcă
Program Verification using Reachability Logic
15:30 - 16:00 Coffee break

Session 4: 16:00 – 18:00. Chair: Narciso Martí-Oliet
16:00 - 16:30 Vlad Rusu and Andrei Arusoaie
Proving Reachability-Logic Formulas Incrementally
16:30 - 17:00 Antonio Moreno-Delgado, Francisco Durán and José Meseguer
Towards Generic Monitors for Object-Oriented Real-Time Maude Specifications
17:00 - 17:30  Yuri Gil Dantas, Marcilio O. O. Lemos, Iguatemi E. Fonseca and Vivek Nigam
Formal Specification and Verification of a Selective Defense for TDoS Attacks

17:30 - 18:00  Yohan Boichut, Vivien Pelletier and Pierre Rety
Synchronized Tree Languages for Reachability in Non-right-linear Term Rewrite Systems

**Sunday April 3, 2016**, Room CZ 5 Auditorium
**Session 5**: 9:00 – 10:30. Chair: José Meseguer
9:00 - 10:00  Invited Talk: Helene Kirchner
Labeled Graphs Rewriting Meets with Social Networks
10:00 - 10:30  Traian Florin Serbanuță
Maximally Parallel Contextual String Rewriting
10:30 - 11:00  Coffee break

**Session 6**: 11:00 – 12:30. Chair: Kokichi Futatsugi
11:00 - 12:30  Tutorial: Salvador Lucas
Program termination: from well-founded orderings to logical models and back

12:30 - 14:00  Lunch

**Session 7**: 14:00 – 15:30. Chair: Francisco Durán
14:00 - 15:30  Tutorial: Carolyn Talcott
Pathway Logic: Executable Models of Cellular Processes