

Saturday 14 April 2018

08.00	<i>Registration opens</i>
08.30 – 09.00	<i>Welcome</i>
09.00 – 10.00	Invited Talk: Hubert Garavel. <i>Benchmarking Implementations of Term Rewriting and Pattern Matching in Algebraic, Functional, and Object-Oriented Languages</i>
10.00 – 10.30	<i>Coffee Break</i>
	<i>Session 1</i>
10.30 – 11.00	Jose Meseguer. <i>Generalized Rewrite Theories and Coherence Completion</i>
11.00 – 11.30	Francisco Durán, José Meseguer and Camilo Rocha. <i>Proving Ground Confluence of Equational Specifications Modulo Axioms</i>
11.30 – 12.00	Paul Downen, Philip Johnson-Freyd and Zena M. Ariola. <i>Uniform Strong Normalization for Multi-Discipline Calculi</i>
12.30 – 13.00	Carlos Olarte, Elaine Pimentel and Camilo Rocha. <i>Proving Structural Properties of Sequent Systems in Rewriting Logic</i>
12.30 – 14.00	<i>Lunch</i>
	<i>Session 2</i>
14.00 – 15.00	Invited Talk: Santiago Escobar. <i>Unification and Narrowing in Maude and their Applications</i>
15.00 – 15.30	Francisco Durán, Steven Eker, Santiago Escobar, Narciso Marti-Oliet, Jose Meseguer and Carolyn Talcott. <i>Associative Unification and Symbolic Reasoning Modulo Associativity in Maude</i>
15.30 – 16.00	Si Liu, Peter Csaba Ölveczky, Qi Wang and Jose Meseguer. <i>Formal Modeling and Analysis of the Walter Transactional Data Store</i>
16.00 – 16.10	Peter Csaba Ölveczky. <i>Designing Reliable Distributed Systems - A Formal Methods Approach Based on Executable Modeling in Maude.</i> <i>(book presentation)</i>
16.10 – 16.30	<i>Coffee Break</i>
	<i>Session 3</i>
16.30 – 17.00	Francisco Durán, Camilo Rocha and Gwen Salaün. <i>Specification and Verification of Data-aware BPMN Processes using Rewriting Modulo SMT</i>
17.00 – 17.30	Adrian Riesco. <i>MUnit: A Unit testing framework for Maude</i>

Sunday 15 April 2018

09.00 – 10.00	Invited Talk: Thomas Genet. <i>Automata and Equations based Approximations for Reachability Analysis</i>
10.00 – 10.30	<i>Coffee Break</i>
	<i>Session 4</i>
10.30 – 11.00	Yohan Boichut, Pierre Rety and Vivien Pelletier. <i>Approximating any Logic Program by a CS-Program</i>
11.00 – 11.30	Óscar Martín, Alberto Verdejo and Narciso Marti-Oliet. <i>Parameterized programming for compositional system specification</i>
11.30 – 12.00	Sergio Ramírez, Miguel Romero, Camilo Rocha and Frank Valencia. <i>Real-time Rewriting Logic Semantics for Spatial Concurrent Constraint Programming</i>
12.00 – 12.30	Thomas Genet, Tristan Gillard, Timothée Haudebourg and Sébastien Lê Cong. <i>Extending Timbuk to Verify Functional Programs</i>
12.30 – 14.00	<i>Lunch</i>
	<i>Session 5</i>
14.00 – 14.30	Raul Gutierrez, Jose Meseguer and Stephen Skeirik. <i>The Maude Termination Assistant</i>
14.30 – 15.00	Adrián Riesco, Beatriz Santos-Buitrago, Merrill Knapp, Gustavo Santos-García and Carolyn Talcott. <i>Fuzzy Matching in Symbolic Systems Biology</i>
15.00 – 15.30	Musab A. Alturki, Max Kanovich, Tajana Ban Kirigin, Vivek Nigam, Andre Scedrov and Carolyn Talcott. <i>Statistical Model Checking of Guessing and Timing Attacks on Distance-bounding Protocols</i>