

<b>TUESDAY JUNE 24</b>	<b>CSF/LICS Joint Session McConomy Auditorium, University Center</b>
<b>8:00-8:25</b>	<b>Registration &amp; Breakfast</b> Rangos 2 & 3, University Center
<b>8:25-8:30</b>	<b>Welcome</b> McConomy Auditorium
<b>8:30-9:30</b>	<b>Joint LICS/CSF Invited Talk</b> Chairs: Frank Pfenning, Andrei Sabelfeld  David Basin (joint work with Christoph Sprenger) <i>Cryptographically Sound Protocol-Model Abstractions</i>
	<b>Joint Session: Authorization Logic I</b> Chairs: Andrei Sabelfeld, Frank Pfenning
<b>9:30-10:00</b>	Rohit Chadha, A. Prasad Sistla, Manesh Viswanathan <i>On the Expressiveness and Complexity of Randomization in Finite State Monitors</i>
<b>10:00-10:30</b>	Henry DeYoung, Deepak Garg, Frank Pfenning <i>An Authorization Logic with Explicit Time</i>
<b>10:30-11:00</b>	<b>BREAK</b> (Rangos 2 & 3)
	<b>Joint Session: Authorization Logic II</b> Chair: John Mitchell
<b>11:00-11:30</b>	Yuri Gurevich, Itay Neeman <i>DKAL: Distributed-Knowledge Authorization Language</i>
<b>11:30-12:00</b>	Glenn Bruns, Michael Huth <i>Access-Control Policies via Belnap Logic: Effective &amp; Efficient Composition &amp; Analysis</i>
<b>12:00-12:30</b>	Jeffrey Vaughan, Limin Jia, Karl Mazurak, Steve Zdancevic <i>Evidence-based Audit</i>
<b>12:30-2:00</b>	<b>LUNCH</b> (Rangos 2 & 3)

TUESDAY JUNE 24	LICS Giant Eagle Auditorium Baker Hall A51	CSF Adamson Wing Baker Hall 136A
	<b>Logical Frameworks</b> Chair: Robert Harper	<b>Protocol Analysis I</b> Chair: Cedric Fournet
2:00-2:30	Andrew Gacek, Dale Miller, Gopalan Nadathur <i>Combining Generic Judgments with Recursive Definitions</i>	Michael Backes, Catalin Hritcu, Matteo Maffei <i>Automated Verification of Remote Electronic Voting Protocols in Applied Pi-calculus</i>
2:30-3:00	Christian Urban, James Cheney, Stefan Berghofer <i>Mechanizing the Theory of LF</i>	Christopher Dilloway & Gavin Lowe <i>Specifying Secure Transport Layers</i>
3:00-3:30	Marcelo Fiore <i>Second-Order &amp; Dependently- Sorted Abstract Syntax</i>	Jean Goubault-Larrecq <i>Towards Producing Formally Checkable Security Proofs, Automatically</i>
3:30-4:00	Carsten Schuermann, Jeffrey Sarnat <i>Structural Logical Relations</i>	Stephanie Delaune, Steve Kremer, Mark Ryan <i>Composition of Password-Based Protocols</i>
4:00-4:30	<b>BREAK</b> Giant Eagle Lobby	
	<b>Lambda Calculus</b> Chair: Ugo Dal Lago	<b>Cryptographic Foundations</b> Chair: Bruno Blanchet
4:30-5:00	Makoto Tatsuta <i>Types for Hereditary Permutators</i>	Michael Backes, Dominique Unruh <i>Computational Soundness of Symbolic Zero-Knowledge Proofs Against Active Attackers</i>
5:00-5:30	Adria Gascon, Guillem Godoy, Manfred Schmidt-Schauss <i>Context Matching for Compressed Terms</i>	Ralf Kuesters, Max Tuengerthal <i>Joint State Theorems for Public-Key Encryption &amp; Digital Signature Functionalities with Local Computation</i>
5:30-6:30	<b>SHORT TALKS</b> Giant Eagle Auditorium Chair: Frank Pfenning	
7:00-9:00	<b>LICS/CSF RECEPTION</b> Phipps Conservatory	

WEDNESDAY JUNE 25	LICS Giant Eagle Auditorium	CSF Adamson Wing
8:30-9:30	<b>LICS Invited Talk</b> Chair: Stephen Brookes  Dexter Kozen <i>Non-local Flow of Control and Kleene Algebra with Tests</i>	
	<b>Algebraic Methods</b>	<b>Information Flow and Concurrency</b> Chair: Riccardo Focardi
9:30-10:00	Gordon Plotkin, Matija Pretnar <i>A Logic for Algebraic Effects</i>	Tachio Terauchi <i>A Type System for Observational Determinism</i>
10:00-10:30	Emmanuel Beffara <i>An Algebraic Process Calculus</i>	Ron van der Meyden, Chenyi Yang <i>Information Flow in Systems with Schedulers</i>
10:30-11:00	<b>BREAK</b> Giant Eagle Lobby	
	<b>Process Calculi</b> Chair: Marcelo Fiore	<b>Protocol Analysis II</b> Chair: Vitaly Shmatikov
11:00-11:30	Ivan Lanese, Jorge Perez, Davide Sangiorgi, Alan Schmitt <i>On the Expressiveness and Decidability of Higher-Order Process Calculus</i>	11:15 Doug Kuhlman, Ryan Moriarty, Tony Braskich, Steve Emeott, Mahesh Tripunitara <i>A Correctness Proof of a Mesh Security Architecture</i>
11:30-12:00	Taolue Chen, Wan Fokkink <i>On the Axiomatizability of Impossible Futures: Preorder versus Equivalence</i>	11:45 Stephanie Delaune, Steve Kremer, Graham Steel <i>Formal Analysis of PKCS#11</i>
12:00-12:30	Sam Staton <i>General Structural Operational Semantics through Categorical Logic</i>	12:15 Closing remarks & Award presentation
12:30-2:00	<b>LUNCH</b> Rangos 2 & 3	

<b>WEDNESDAY JUNE 25</b>	<b>LICS Giant Eagle Auditorium Baker Hall A51</b>
	<b>Model Checking</b> Chair: Gordon Plotkin
2:00-2:30	Vineet Kahlon <i>Parameterization as Abstraction:                      A Tractable Approach to the Dataflow Analysis of Concurrent                      Programs</i>
2:30-3:00	Arnaud Carayol, Matthew Hague, Antoine Meyer, Luke Ong, Olivier Serre <i>Winning Regions of Higher-Order Pushdown Games</i>
3:00-3:30	Pierre Chambart, Philippe Schnoebelen <i>The Ordinal Recursive Complexity of Lossy Channel Systems</i>
3:30-4:00	Christel Baier, Nathalie Bertrand, Patricia Bouyer, Thomas Brihaye, Marcus Groesser <i>Almost-Sure Model Checking of Infinite Paths in One-Clock Timed Automata</i>
4:00-4:30	<b>BREAK</b> Giant Eagle Lobby
	<b>Proof Theory</b> Chair: Dale Miller
4:30-5:00	Agata Ciabattoni, Nikolaus Galatos, Kazushige Terui <i>From Axioms to Analytic Rules in Non-Classical Logics</i>
5:00-5:30	Daniel Licata, Noam Zeilberger, Robert Harper <i>Focusing on Binding and Computation</i>
5:30-6:00	Guillaume Burel <i>A First-Order Representation of Pure Type Systems using Superdeduction</i>
6:00-6:30	<b>AWARD PRESENTATIONS</b> (Chair: Frank Pfenning, Dexter Kozen)
6:30-7:30	<b>LICS Business Meeting</b> (Chair: Martin Abadi)

<b>THURSDAY JUNE 26</b>	<b>LICS Giant Eagle Auditorium Baker Hall A51</b>
	<b>Computational Complexity</b> Chair: Martin Abadi
8:30-9:30	<b>Invited Talk</b>  Martin Grohe <i>The Quest for a Logic Capturing PTIME</i>
9:30-10:00	Soren Riis <i>On the Asymptotic Nullstellensatz &amp; Polynomial Calculus Proof Complexity</i>
10:00-10:30	Klaus Aehlig, Arnold Beckmann <i>On the Computational Complexity of Cut-Reduction</i>
10:30-11:00	<b>BREAK</b> Giant Eagle Lobby
	<b>Constraints</b> Chair: Andrei Bulatov
11:00-11:30	Victor Dalmau, Benoit Larose <i>Maltsev + Datalog <math>\rightarrow</math> Symmetric Datalog</i>
11:30-12:00	Catarina Carvalho, Victor Dalmau, Andrei Krokhin <i>Caterpillar Duality for Constraint Satisfaction Problems</i>
12:00-12:30	Barnaby Martin, Florent Madelaine, Hubie Chen <i>Quantified Constraints and Containment Problems</i>
12:30-2:00	<b>LUNCH</b> Rangos 2

<b>THURSDAY JUNE 26</b>	<b>LICS Giant Eagle Auditorium Baker Hall A51</b>
	<b>Reasoning about Programs</b> Chair: Luke Ong
2:00-2:30	Francois Pottier <i>Hiding Local State in Direct Style: A Higher-Order Anti-Frame Rule</i>
2:30-3:00	Soren Lassen, Paul Blain Levy <i>Typed Normal Form Bisimulation for Parametric Polymorphism</i>
3:00-3:30	Andrzej Murawski <i>Reachability Games and Game Semantics: On Comparing Non-deterministic Programs</i>
3:30-4:00	Abbas Edalat <i>Weak Topology and Differentiable Operator for Lipschitz Maps</i>
4:00-4:30	<b>BREAK</b> Giant Eagle Lobby
	<b>Probabilistic Systems</b> Chair: Radha Jagadeesan
4:30-5:00	James Lynch <i>A Logical Characterization of Individual-Based Models</i>
5:00-5:30	Tomas Bradzil, Jan Kretinsky, Antonin Kucera, Vojtech Forejt <i>The Satisfiability Problem for Probabilistic CTL</i>
8:00-10:30	<b>LICS Banquet</b> Heinz History Center Buses leave at 7:00, return at 10:30

FRIDAY JUNE 27	LICS Giant Eagle Auditorium, Baker Hall A51
	<b>Finite Model Theory</b> Chair: Philip Scott
8:30-9:30	<b>Invited Talk</b>  Yiannis Moschovakis <i>The Axiomatic Derivation of Absolute Lower Bounds</i>
9:30-10:00	Martin Grohe <i>Definable Tree Decompositions</i>
10:00-10:30	David Duris <i>Hypergraph Acyclicity and Extension Preservation Theorems</i>
10:30-11:00	<b>BREAK</b> Giant Eagle Lobby
	<b>Automata Theory</b> Chair: Yuri Gurevich
11:00-11:30	Greg Hjorth, Bakhadyr Khoussainov, Antonio Montalban, Andre Nies <i>From Automatic Structures to Borel Structures</i>
11:30-12:00	Mikolaj Bojanczyk, Luc Segoufin, Howard Straubing <i>Piecewise Testable Tree Languages</i>
12:00-12:30	Matthew Hague, Andrzej Murawski <i>Collapsible Pushdown Automata and Recursion Schemes</i>
12:30-1:00	<b>BOX LUNCH</b> Giant Eagle Lobby

FRIDAY JUNE 27	LICS Giant Eagle Auditorium Baker Hall A51
	<b>Linear Logic</b> Chair: Jean Goubault-Larrecq
1:00-1:30	Marc de Falco <i>The Geometry of Interaction of Differential Interaction Nets</i>
1:30-2:00	Virgile Mogbil, Paulin Jacobe de Naurois <i>Correctness of Multiplicative Additive Proof Structures is NL-Complete</i>
2:00-2:30	Roberto Maieli, Olivier Laurent <i>Cut Elimination for Monomial MALL Proof Nets</i>
2:30-3:00	Olivier Deland, Dale Miller <i>A Neutral Approach to Proof and Refutation in MALL</i>
3:00 AM	<b>End of LICS Conference</b>