Timetable

Monday, Sept 7

8:30	REGISTRATION
8:50–9:00	OPENING
9:00–10:00	**Martin Grohe**. Fixed-Point Definability and Polynomial Time.
10:00–10:30	*Martin Hofmann and Dulma Rodriguez.* Efficient Type-Checking for Amortised Heap-Space Analysis.
10:30–11:00	BREAK

11:00–12:30	*Rajeev Alur, Pavol Cerny and Scott Weinstein.*
	    Algorithmic Analysis of Array-Accessing Programs.
	Romain Péchoux and Marco Gaboardi.
	    Upper Bounds on Streams I/O using Semantics Interpretations.
	Jan Schwinghammer, Lars Birkedal, Bernhard Reus and Hongseok Yang.
	    Nested Hoare Triples and Frame Rules for Higher-order Store.

12:30–14:00	BREAK

14:00–15:30	*Heng Guo, Hanpin Wang and Zhongyuan Xu.* On Model Checking Boolean BI.
	Stephan Kreutzer.
	    On the parameterized intractability of monadic second-order logic.
	Anthony Widjaja To.
	    Model checking FO(R) over one-counter processes and beyond.

15:30–16:00	BREAK

16:00–17:30	*Frederic Blanqui and Cody Roux.*
	    On the relation between size-based termination and semantic labelling.
	Joerg Endrullis, Herman Geuvers and Hans Zantema.
	    Degrees of Undecidability in Term Rewriting.
	Glynn Winskel and David Turner. Nominal Domain Theory for Concurrency.

17:30–19:00	VISIT OF THE OLD UNIVERSITY
19:00	PORTO DE HONRA

Tuesday, Sept 8

9:00–10:00	**Thierry Coquand**. Forcing and Type Theory.
10:00–10:30	*Ulrich Berger.* From coinductive proofs to exact real arithmetic.
10:30–11:00	BREAK

11:00–12:30	*Mariangiola Dezani, Paola Giannini and Simona Ronchi.*
	    Intersection, Universally Quantified and Reference Types.
	Andreas Abel.
	    Type Structures and Normalization by Evaluation for System F-omega.
	Eijiro Sumii. A Complete Characterization of Observational Equivalence in
	    Polymorphic lambda-Calculus with General References.

12:30–14:00	BREAK
14:00–15:30	*Alexander Rabinovich.* Decidable Extensions of Church's Problem. *James Laird.* Nondeterminism and Observable Sequentiality. *Vince Barany, Lukasz Kaiser and Alexander Rabinovich.* Cardinality quantifiers in MLO over trees.
15:30–16:00	BREAK
16:00–16:30	VISIT OF THE SCIENCE MUSEUM
16:30–18:00	ACKERMANN AWARD

Wednesday, Sept 9

9:00–10:00	**Mikołaj Bojańczyk**. Algebra for Tree Languages.
10:00–10:30	*Isolde Adler and Mark Weyer.* Tree-width for first order formulae.
10:30–11:00	BREAK
11:00–13:00	*Albert Atserias and Mark Weyer.* Decidable Relationships between Consistency Notions for Constraint Satisfaction Problems. *Michael Ummels and Dominik Wojtczak.* Decision Problems for Nash Equilibria in Stochastic Games. *Amelie Gheerbrant and Balder ten Cate.* Craig Interpolation on linear orders. *Angelo Montanari, Gabriele Puppis and Pietro Sala.* A Decidable Spatial Logic with Cone-shaped Cardinal Directions.
14:30–18:00	EXCURSION
20:00	CONFERENCE DINNER

Thursday, Sept 10

9:00–10:00	**Paulo Oliva**. Functional Interpretations of Intuitionistic Linear Logic.
10:00–10:30	*Guillaume Munch Maccagnoni.* Focalization and Classical Realizability.
10:30–11:00	BREAK
11:00–12:30	*Beniamino Accattoli and Stefano Guerrini.* Jumping Boxes. Representing lambda-calculus boxes by jumps. *Jeff Egger, Rasmus Mogelberg and Alex Simpson.* Enriching an Effect Calculus with Linear Types. *Paolo Tranquilli.* Confluence of Differential Nets with Promotion.
12:30–14:00	BREAK
14:00–16:00	INFORMAL PRESENTATIONS Jesse Alama — Gilda Ferreira — Jaime Gaspar David Pereira, Nelma Moreira and Simão Melo de Sousa Anthony Widjaja To and Leonid Libkin
16:00–16:30	BREAK
16:30–18:00	*Luigi Santocanale and Robin Cockett.* On the word problem for SP-categories, and the properties of two-way communication. *Corina Cirstea, Clemens Kupke and Dirk Pattinson.* EXPTIME Tableaux for Coalgebraic mu-calculi. *Volker Weber.* On the Complexity of Branching-Time Logics.
18:00–19:00	MEETING OF THE EACSL

Friday, Sept 11

9:00–10:30	*Dietrich Kuske and Markus Lohrey.* Automatic structures of bounded degree revisited. *Jacques Duparc, Filip Murlak and Alessandro Facchini.* Linear Game Automata: Decidable Hierarchy Problems for Stripped-Down Alternating Tree Automata. *Matthias Horbach and Christoph Weidenbach.* Deciding the Inductive Validity of $\forall\exists^*$ Queries.
10:30–11:00	BREAK
11:00–12:00	*Agata Ciabattoni, Lutz Strassburger and Kazushige Terui.* Expanding the realm of systematic proof theory. *Makoto Tatsuta.* Non-Commutative First-Order Sequent Calculus.
12:00–13:00	**Yiannis Moschovakis**. Kleene's Amazing Second Recursion Theorem.