

	Monday 9 th June	Tuesday 10 th June	Wednesday 11 th June	Thursday 12 th June	Friday 13 th June
	Registration and Coffee	Coffee	Coffee	Coffee	Coffee
9–10	Towards topological type theory for decrypting transfinite methods in classical mathematics <i>Ingo Blechschmidt</i>	Algebraic Universes and Variances For All <i>Matthieu Sozeau, Marc Bezem</i>	Intuitionistic modalities through proof theory <i>Sonia Marin</i>	A Guided Tour of Polarity and Focusing <i>Chris Martens</i>	Modalities and effective interpretation of HoTT in higher groupoids <i>Christian Sattler</i>
		Internalized Parametricity via Lifting Universals <i>Aaron David Stump</i>			
		Extending Sort Polymorphism with Elimination Constraints <i>Tomás Díaz, Johann Rosain, Matthieu Sozeau, Nicolas Tabareau, Théo Winterhalter</i>			
	Accessible Sets in Martin-Löf Type Theory with Function Extensionality <i>Yuta Takahashi</i>	The Case for Impredicative Universe Polymorphism <i>Stefan Monnier</i>	Higher-Order Focusing on Linearity and Effects <i>Siva Somayajulu</i>	Compositional memory management in the λ -calculus <i>Shy Wilschaw, Graham Hutton</i>	A Ghost Sort for Proof-Relevant yet Erased Data in Rocq and MetaRocq <i>Johann Rosain, Matthieu Sozeau, Théo Winterhalter</i>
10–11	In Cantor Space, No One Can Hear You Stream <i>Martin Baillon, Assia Mahboubi, Pierre-Marie Pédrot</i>	From parametricity to identity types <i>Thorsten Altenkirch, Ambrus Kaposi</i>	Monadic Equational Reasoning for <code>while</code> loop in Rocq <i>Ryuji Kawakami, Jacques Garrigue, Takafumi Saikawa, Reginald Affeldt</i>	Choice principles and a cotopological modality in HoTT <i>Owen Milner</i>	A Fully Dependent Assembly Language <i>Yulong Huang, Jeremy Yallop</i>
	Examples and counter-examples of injective types in univalent mathematics <i>Tom de Jong, Martin Escardo</i>		Commuting Rules for the Later Modality and Quantifiers in Step-Indexed Logics <i>Bálint Kocsis, Robert Krebsbers</i>	Towards Modular Composition of Inductive Types Using Lean Meta-programming <i>Ramy Shahin</i>	Efficient Program Extraction in Elementary Number Theory using the Proof Assistant Minlog <i>Franziskus Wiesnet</i>
	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
11–12	A Coq Formalization of Lagois Connections for Secure Information Flow <i>Casper Ståhl, Léon Gondelman, René Rydhof Hansen, Danny Begsted Poulsen</i>	About the construction of simplicial and cubical sets in indexed form <i>Hugo Herbelin, Rankumar Ramachandra</i>	How (not) to prove typed type conversion transitive <i>Yann Leray</i>	Type-safe Bidirectional Channels in Idris 2 <i>Guillaume Allais</i>	Linear Types inside Dependent Type Theory <i>Maximilian Doré</i>
	Coq proof of the fifth Busy Beaver value <i>Tristan Stévin, the bchallenge Collaboration</i>	Predicative Stone Duality in Univalent Foundations <i>Aylerik Tsoun, Martin Escardo</i>	Arrow algebras <i>Benno van den Berg</i>	Code Generation via Meta-programming in Dependently Typed Proof Assistants <i>Mathis Bouwerot-Dupuis, Yannick Forster</i>	Impredicative Encodings of Inductive and Coinductive Types <i>Herman Geuvers, Niels van der Weide, Steven Bronsveld</i>
	Mechanizing logical relations <i>Josselin Poutre</i>	Cocompleteness in simplicial homotopy type theory <i>Daniel Gratzer, Jonathan Weinberger, Ulrik Buchholtz</i>	Weak Equality Reflection in MLTT with Propositional Truncation <i>Felix Bradley, Zhaoxi Luo</i>	Towards Being Positively Negative about Dependent Types <i>Jan de Muijnck-Hughes</i>	NbE for LNL via Adjoint Meta-modalities <i>James Wood</i>
12–13	Geometric Reasoning in Lean: from Algebraic Structures to Presheaves <i>Yiming Xu, Kenji Maillard</i>	Yet another homotopy group, yet another Brunerie number <i>Tom Jack, Axel Ljungström</i>	Towards Quotient Inductive Types in Observational Type Theory <i>Thiago Felicissimo, Nicolas Tabareau</i>	Implementing a Typechecker for an Esoteric Language: Experiences, Challenges, and Lessons <i>Alex Rice</i>	Unboxed Dependent Types <i>Constantine Thoocharis</i>
	Löb's Theorem and Provability Predicates in Rocq <i>Janis Bailtis, Dominik Kirst, Yannick Forster</i>	Rezk Completions For (Elementary) Topoi <i>Kobe Wullaert, Niels van der Weide</i>	Matching (Co)patterns with Cyclic Proofs <i>Lide Grotenhuis, Daniël Otten</i>	A Two-level Foundation for the Calculus of Constructions <i>Pietro Sabelli</i>	A Quantitative Dependent Type Theory with Recursion <i>Oskar Eriksson, Nils Anders Danielsson, Andreas Abel</i>
	Lunch	Lunch	Lunch	Lunch	Lunch
13–14					
	Expansion in a Calculus with Explicit Substitutions <i>Ana Jorge Almeida, Sandra Alves, Mário Florido</i>	Type Theory and Philosophical Logic <i>Greg Restall</i>	Towards a computational quantum logic <i>Alejandro Diaz-Coro</i>	A Timed Predicate Temporal Logic Sequent Calculus <i>Javier Enriquez Mendoza, Sam Speight, Vincent Rahli</i>	Stellar - A Library for API Programming <i>André Videla</i>
	Presheaves on Purpose <i>Conor Mc Bride</i>	Constructive algebraic completeness of first-order bi-intuitionistic logic <i>Dominik Kirst, Ian Shillito</i>	Internal Proofs of Strong Normalization <i>Cody Roux</i>	Verfying Z3 RUP Proofs with the Interactive Theorem Provers Coq/Rocq and Agda <i>Harry Bryant, Andrew Lawrence, Monika Seisenberger, Anton Setzer</i>	An Inductive Universe for Setoids <i>Loïc Pujet</i>
14–15	Thinning Thinnings: Safe and Efficient Binders <i>April Gonçalves, Wen Kokke</i>	WEPN Opening and Welcome	Excursion Balloch, Loch Lomond	Formalising Monitors for Distributed Deadlock Detection <i>Radosław Jan Rowicki, Adrian Francalanza, Alceste Scalas</i>	Weihrauch Problems as Containers <i>Ian Price, Cecilia Pradic</i>
	Categorical Normalization by Evaluation: A Novel Universal Property for Syntax <i>David G. Berry, Marcelo Fiore</i>	Ecumenical logic <i>Elaine Pimentel</i>		Fair Termination for Resource-Aware Active Objects <i>Francesco Dagnino, Paola Giannini, Violet Ka I Pan, Ulises Torrella</i>	Containers: Compositionality for Tensors <i>Neil Ghani, Pierre Hyvernat, Artjoms Sinkarovs</i>
	Rational Codata as Syntax-with-Binding <i>Sean Watters</i>			Mechanized safety of Jolteon consensus in Agda <i>Orestis Melkonian, Mauro Jaskeloff, James Chapman</i>	Large Elimination and Indexed Types in Refinement Types <i>Alessio Ferrariini, Niki Vazou</i>
15–16	Coffee break	Coffee break		Coffee break	Coffee break
	Dependent two-sided fibrations for directed type theory <i>Fernando Chu, Paige Randall North</i>			Canonical Bidirectional Typing via Polarised System L <i>Zsolt Mészáros</i>	HoTTLean: Formalizing the Meta-Theory of HoTT in Lean <i>Joseph Hua, Steve Awodey, Mario Carneiro, Sina Hazratpour, Wojciech Nawrocki, Spencer Woolfon</i>
	Synthetic-Inductive Category Theory <i>Jacob Neumann</i>	Why Types: Natural Structures of Mind or Artificial Formal Tools? <i>Irina Starikova</i>		An existential-free theory of arithmetic in all finite types <i>Makoto Fujiwara</i>	Towards Formalising the Guard Checker of Rocq <i>Yee-Juan Tsin, Yannick Forster</i>
16–17	Directed equality with dinaturality <i>Andrea Laretto, Fosco Loregian, Niccolò Veltri</i>			A Generalized Logical Framework <i>András Kovács, Christian Sattler</i>	Lean4Lean: Mechanizing the Metatheory of Lean <i>Mario Carneiro</i>
	A Type Theory for Comprehension Categories with Applications to Subtyping <i>Niyasha Nymmai, Niels van der Weide, Benedikt Ahrens, Paige Randall North</i>	Reasoning with strict symmetric monoidal categories in Agda <i>Malin Altenmüller</i>		A Curry-Howard correspondence for intuitionistic inquisitive logic <i>Ivo Pešlar, Vít Punčochář</i>	Solving Guarded Domain Equations in Presheaves Over Ordinals and Mechanizing It <i>Sergei Stepanenko, Amin Timany</i>
	Break	Type Theory of Acyclic and Cyclic Algorithms without Chain Memory <i>Roussanka Loukanova</i>		Y is not typable in λU <i>Herman Geuvers, Joep Verkoelen</i>	Break
17–18	Irregular models of type theory <i>Andrew Wakelin Swan</i>	Break		Business Meeting	Cohomology in Synthetic Stone Duality <i>Hugo Moeneclaey, Thierry Coquand, Felix Cherubini, Freek Geertjens</i>
	An algebraic internal groupoidal model of Martin-Löf type theory <i>Calum Hughes</i>				Representing type theories in two-level type theory <i>Nicolai Kraus, Tom de Jong</i>
	Realizability Triposes from Sheaves <i>Bruno da Rocha Paiva, Vincent Rahli</i>				Extensional concepts in intensional type theory, revisited <i>Yufeng Li, Krzysztof Kapulkin</i>
	AdapTT: A Type Theory with Functorial Types <i>Arthur Adjodji, Thibaut Benjamin, Meeen Lennon-Bertrand, Kenji Maillard</i>	Discussion on gender balance issues			Lightweight Agda Formalization of Denotational Semantics <i>Peter D Mosses</i>
18–19					
19–20	Welcome reception Livingstone Tower, level 11				
					Conference Dinner Grosvenor Cafe