Time (BST)	Monday 9th June	Tuesday 10th June	Wednesday 11th June	Thursday 12th June	Friday 13th June
8:30–9:00	Registration and Coffee	Coffee	Coffee	Coffee	Coffee
9:00–10:00	Towards topological type theory for decrypting transfinite methods in classical mathematics *Ingo Blechschmidt* Accessible Sets in Martin-Löf Type Theory with Function Extensionality *Yuta Takahashi*	Algebraic Universes and Variances For All *Matthieu Sozeau, Marc Bezem* Internalized Parametricity via Lifting Universals *Aaron David Stump* Extending Sort Polymorphism with Elimination Constraints *Tomás Díaz, Johann Rosain, Matthieu Sozeau, Nicolas Tabareau, Théo Winterhalter* The Case for Impredicative Universe Polymorphism *Stefan Monnier* From parametricity to identity types *Thorsten Altenkirch, Ambrus Kaposi*	Intuitionistic modalities through proof theory *Sonia Marin* Higher-Order Focusing on Linearity and Effects *Siva Somayyajula*	A Guided Tour of Polarity and Focusing *Chris Martens* Compositional memory management in the λ-calculus *Sky Wilshaw, Graham Hutton*	A constructive higher groupoid model of homotopy type theory *Christian Sattler* A Ghost Sort for Proof-Relevant yet Erased Data in Rocq and MetaRocq *Johann Rosain, Matthieu Sozeau, Théo Winterhalter*
10:00–11:00	In Cantor Space, No One Can Hear You Stream *Martin Baillon, Assia Mahboubi, Pierre-Marie Pédrot* Examples and counter-examples of injective types in univalent mathematics *Tom de Jong, Martin Escardo*		Monadic Equational Reasoning for while loop in Rocq *Ryuji Kawakami, Jacques Garrigue, Takafumi Saikawa, Reynald Affeldt* Commuting Rules for the Later Modality and Quantifiers in Step-Indexed Logics *Bálint Kocsis, Robbert Krebbers*	Choice principles and a cotopological modality in HoTT *Owen Milner* Towards Modular Composition of Inductive Types Using Lean Meta-programming *Ramy Shahin*	A Fully Dependent Assembly Language *Yulong Huang, Jeremy Yallop* Efficient Program Extraction in Elementary Number Theory using the Proof Assistant Minlog *Franziskus Wiesnet*
	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
11:00–12:00	A Coq Formalization of Lagois Connections for Secure Information Flow *Casper Ståhl, Léon Gondelman, René Rydhof Hansen, Danny Bøgsted Poulsen* Coq proof of the fifth Busy Beaver value *Tristan Stérin, the bbchallenge Collaboration* Mechanizing logical relations *Josselin Poiret* Geometric Reasoning in Lean: from Algebraic Structures to Presheaves *Yiming Xu, Kenji Maillard* Löb's Theorem and Provability Predicates in Rocq *Janis Bailitis, Dominik Kirst, Yannick Forster*	About the construction of simplicial and cubical sets in indexed form *Hugo Herbelin, Ramkumar Ramachandra* Predicative Stone Duality in Univalent Foundations *Ayberk Tosun, Martín Escardó* Cocompleteness in simplicial homotopy type theory *Daniel Gratzer, Jonathan Weinberger, Ulrik Buchholtz* Yet another homotopy group, yet another Brunerie number *Tom Jack, Axel Ljungström* Rezk Completions For (Elementary) Topoi *Kobe Wullaert, Niels van der Weide*	How (not) to prove typed type conversion transitive *Yann Leray* Arrow algebras *Benno van den Berg* Weak Equality Reflection in MLTT with Propositional Truncation *Felix Bradley, Zhaohui Luo* Towards Quotient Inductive Types in Observational Type Theory *Thiago Felicissimo, Nicolas Tabareau* Matching (Co)patterns with Cyclic Proofs *Lide Grotenhuis, Daniël Otten*	Type-safe Bidirectional Channels in Idris 2 *Guillaume Allais* Code Generation via Meta-programming in Dependently Typed Proof Assistants *Mathis Bouverot-Dupuis, Yannick Forster* Towards Being Positively Negative about Dependent Types *Jan de Muijnck-Hughes* Implementing a Typechecker for an Esoteric Language: Experiences, Challenges, and Lessons *Alex Rice* A Two-level Foundation for the Calculus of Constructions *Pietro Sabelli*	Linear Types inside Dependent Type Theory *Maximilian Doré* Impredicative Encodings of Inductive and Coinductive Types *Herman Geuvers, Niels van der Weide, Steven Bronsveld* NbE for LNL via Adjoint Meta-modalities *James Wood* Unboxed Dependent Types *Constantine Theocharis* A Quantitative Dependent Type Theory with Recursion *Oskar Eriksson, Nils Anders Danielsson, Andreas Abel*
12:00–13:00 / 13:00–14:00	Lunch	Lunch	Lunch	Lunch	Lunch
13:00–14:00	Expansion in a Calculus with Explicit Substitutions *Ana Jorge Almeida, Sandra Alves, Mário Florido* Presheaves on Purpose *Conor Mc Bride*	Type Theory and Philosophical Logic *Greg Restall* Constructive algebraic completeness of first-order bi-intuitionistic logic *Dominik Kirst, Ian Shillito* WEPN Opening and Welcome Ecumenical logic *Elaine Pimentel*	Towards a computational quantum logic *Alejandro Díaz-Caro* Internal Proofs of Strong Normalization *Cody Roux*	A Timed Predicate Temporal Logic Sequent Calculus *Javier Enriquez Mendoza, Sam Speight, Vincent Rahli* Verifying Z3 RUP Proofs with the Interactive Theorem Provers Coq/Rocq and Agda *Harry Bryant, Andrew Lawrence, Monika Seisenberger, Anton Setzer*	Stellar - A Library for API Programming *André Videla* An Inductive Universe for Setoids *Loïc Pujet*
14:00–15:00	Thinning Thinnings: Safe and Efficient Binders *April Gonçalves, Wen Kokke* Categorical Normalization by Evaluation: A Novel Universal Property for Syntax *David G. Berry, Marcelo Fiore* Rational Codata as Syntax-with-Binding *Sean Watters*	*(continued above)*	Excursion *Balloch, Loch Lomond*	Formalising Monitors for Distributed Deadlock Detection *Radosław Jan Rowicki, Adrian Francalanza, Alceste Scalas* Fair Termination for Resource-Aware Active Objects *Francesco Dagnino, Paola Giannini, Violet Ka I Pun, Ulises Torvella* Mechanized safety of Jolteon consensus in Agda *Orestis Melkonian, Mauro Jaskelioff, James Chapman*	Weihrauch Problems as Containers *Ian Price, Cecilia Prudic* Containers: Compositionality for Tensors *Neil Ghani, Pierre Hyvernat, Artjoms Šinkarovs* Large Elimination and Indexed Types in Refinement Types *Alessio Ferrarini, Niki Vazou*
15:00–16:00	Coffee break Dependent two-sided fibrations for directed type theory *Fernando Chu, Paige Randall North* Synthetic-Inductive Category Theory *Jacob Neumann*	Coffee break Reasoning with strict symmetric monoidal categories in Agda *Malin Altenmüller*		Coffee break Canonical Bidirectional Typing via Polarised System L *Zanzi Mihejevs* An existential-free theory of arithmetic in all finite types *Makoto Fujiwara*	Coffee break HoTTLean: Formalizing the Meta-Theory of HoTT in Lean *Joseph Hua, Steve Awodey, Mario Carneiro, Sina Hazratpour, Wojciech Nawrocki, Spencer Woolfson* Towards Formalising the Guard Checker of Rocq *Yee-Jian Tan, Yannick Forster*
16:00–17:00	Directed equality with dinaturality *Andrea Laretto, Fosco Loregian, Niccolò Veltri* A Type Theory for Comprehension Categories with Applications to Subtyping *Niyousha Najmaei, Niels van der Weide, Benedikt Ahrens, Paige Randall North* Break	Type Theory of Acyclic and Cyclic Algorithms without Chain Memory *Roussanka Loukanova* Break		A Generalized Logical Framework *András Kovács, Christian Sattler* A Curry-Howard correspondence for intuitionistic inquisitive logic *Ivo Pezlar, Vít Punčochář* Y is not typable in λU *Herman Geuvers, Joep Verkoelen*	Lean4Lean: Mechanizing the Metatheory of Lean *Mario Carneiro* Solving Guarded Domain Equations in Presheaves Over Ordinals and Mechanizing It *Sergei Stepanenko, Amin Timany* Break
17:00–18:00	Irregular models of type theory *Andrew Wakelin Swan* An algebraic internal groupoidal model of Martin-Löf type theory *Calum Hughes* Realizability Triposes from Sheaves *Bruno da Rocha Paiva, Vincent Rahli* AdapTT: A Type Theory with Functorial Types *Arthur Adjedj, Thibaut Benjamin, Meven Lennon-Bertrand, Kenji Maillard*	Discussion on gender balance issues		Business Meeting	Cohomology in Synthetic Stone Duality *Hugo Moeneclaey, Thierry Coquand, Felix Cherubini, Freek Geerligs* Representing type theories in two-level type theory *Nicolai Kraus, Tom de Jong* Extensional concepts in intensional type theory, revisited *Yufeng Li, Krzysztof Kapulkin* Lightweight Agda Formalization of Denotational Semantics *Peter D Mosses*
18:00–19:00	Welcome reception *Livingstone Tower, level 11*				
19:00–20:00				Conference Dinner *Grosvenor Cafe*	