PCC 2016 Programme

Mathematical Institute of LMU, Theresienstr. 37–39, 80804 Munich

Thursday May 5: day-long special session dedicated to Ulrich Berger

A027 (Ground floor of the mathematical institute, Block A)

9:00 - 10:00	Opening
	Invited Speaker 1: Dag Normann Revisiting Transfinite Types
10:00 - 10:30	Coffee Break
10:30 - 12:30	Mizuhito Ogawa Decidability by two semi-algorithms
	Dieter Spreen Bitopological spaces and the continuity problem
	Birgit Elbl Decomposing a labelled sequent calculus for the logic of subset spaces
	Fredrik Nordvall Forsberg A Type Theory for Comprehensive Parametric Polymorphism
12:30 - 14:30	Lunch Break (coffee being served at 14h)
14:30 - 16:20	Invited Speaker 2: Paulo Oliva Modified bar recursion - 15 years on
	Thomas Powell The computational content of Zorn's lemma
	Anton Setzer Schemata for Proofs by Coinduction
16:20 - 16:50	Coffee Break
16:50 - 18:10	Invited Speaker 3: Thomas Streicher An effective Spectral Theorem for bounded self adjoint operators
	Lorenz Berger Modelling the human lung
19:30	Dinner at Schneider Bräuhaus, Tal 7, 80331 Munich which is very close to Marienplatz (reservation subject to registration)

Friday May 6

A027 (Ground floor of the math institute, Block A), 9:00–10:00 B349 (3rd floor of the math institute, Block B), 10:00-18:00

9:00 - 10:00	Peter Schuster Eliminating Disjunctions by Disjunction Elimination
	Masahiko Sato Proof theory of the lambda calculus
10:00 - 10:30	Coffee Break
10:30 - 12:30	Thomas Piecha Atomic Systems in Proof-Theoretic Semantics
	Ernst Zimmermann Local confluence in Natural Deduction
	Rene Gazzari Pure Proofs
	Sam Sanders The unreasonable effectiveness of Nonstandard Analysis
12:30 - 14:30	Lunch Break (coffee being served at 14h)
14:30 - 16:30	Alessio Guglielmi Report on a 3-Year Project on Efficient and Natural Proof Systems
	Alessio Santamaria Substitution in Deep Inference via Atomic Flows
	David Sherratt Atomic Lambda Calculus and its connections with Sharing Graphs
	Andrea Aler Tubella Generalising Cut-Elimination through Subatomic Proof Systems
16:30 - 17:00	Coffee Break
17:00 - 18:00	Benjamin Ralph Decomposing First-Order Proofs using Deep Inference
	Lars Kristiansen On Subrecursive Representability of Irrational Numbers