

LOGICA 2022

program

Monday, September 12

9:00-9:10 Opening: Vít Punčochář

Chair: Vít Punčochář

9:10-10:10 invited talk: Yde Venema. A family of modal fixpoint logics

10:10-10:40 Libor Běhounek. A Vopěnka-style indistinguishability principle for formal fuzzy mathematics

Coffee break

Chair: Andrew Tedder

11:00-11:30 Kentaro Yamamoto, Johann J. Wannenburg and Tommaso Moraschini. Generalized ultraproducts for positive logic

11:30-12:00 Vincent Degauquier. On duality between partiality and paraconsistency

12:00-12:30 Hrafn Oddsson and Yurii Khomskii. Paraconsistent and paracomplete Zermelo-Fraenkel set theory

Lunch

Chair: Karel Šebela

14:00-14:30 Pawel Pawlowski and Elio La Rosa. Approaching modalities by quasi-extensional semantics

14:30-15:00 Shimpei Endo. Truthmaker semantics for degreeism of vagueness

15:00-15:30 Raheleh Jalali. Interpolation for non-normal modal and conditional logics

Coffee break

Chair: Nicholas Ferenz

16:00-16:30 Andreas Herzig, Emiliano Lorini and Elise Perrotin. A lightweight logic of agency

16:30-17:00 Leon Commandeur. Logical instrumentalism for anti-exceptionalists

17:00-17:30 Jaroslav Peregrin and Vladimír Svoboda. Logical pluralism and genuine logic

19:00 beer party

Tuesday, September 13

9:00-9:10 A session on logic and information: Vít Punčochář

Chair: Vít Punčochář

9:10-10:00 invited talk: Marta Bílková. Belnapian logics for uncertainty

10:00-10:50 invited talk: Heinrich Wansing. Remarks on semantic information and logic

Coffee break

Chair: Libor Běhounek

11:10-11:40 Ivo Pezlar. On the computational content of a generalized Harrop rule

11:40-12:20 Thomas Ferguson. State-sensitive intensional subject matter and topic sufficiency

12:20-12:50 Andrew Tedder. The algebraic structure of Mares-Goldblatt models

Lunch

14:00-15:00 tour of basilica

Chair: Vít Punčochář

15:30-16:20 invited talk: Alessandra Palmigiano. Non-distributive logics: from semantics to meaning

16:20-16:50 Elia Zardini. Paradox and substructurality

Coffee break

Chair: Daniel Skurt

17:10-17:40 Nicholas Ferenz. First-order relevant reasoners in classical worlds: A first approach

17:40-18:10 Johann J. Wannenburg and Igor Sedlár. Embedding Kozen-Tiuryn logic into residuated one-sorted Kleene algebra with tests

18:10-18:40 Fabio De Martin Polo. Notes on the proof theory for relevant logics: From Routley-Meyer semantics to labelled sequent systems

Dinner

Wednesday, September 14

Chair: Johann J. Wannenburg

9:10-10:10 invited talk: Alena Vencovská. Symmetry principles in inductive logic

10:10-10:40 Ludovica Conti. Arbitrary abstraction and logicality

Coffee break

Chair: Ivo Pezlar

11:00-11:30 Wolfgang Lenzen. Abelard and the development of connexive logic

11:30-12:00 Daniel Skurt. The smallest modal system and its extensions

12:00-12:30 Karel Šebela. Theory of predicables and sortal logic

Lunch

14:00 trip

19:30 banquet

Thursday, September 15

Chair: Thomas Ferguson

9:10-10:10 invited talk: Steve Awodey. Intensionality, invariance, and univalence

10:10-10:40 Robin Martinot. Semantic pollution of proof systems

Coffee break

Chair: Igor Sedlár

11:00-11:30 Ansten Klev. Modality and the structure of assertion

11:30-12:00 Antonio Piccolomini d'Aragona. Non-logical meaning and meaning of rules: A symmetry between local and logical validity in Prawitz's semantics

12:00-12:30 Sara Ayhan. 'Bad' reductions, paradoxes and the meaning of proofs

Lunch

14:00 departure for Prague