

## LOGICA 2021 – PROGRAMME

**Tuesday, September 28**

**Chair: Vít Punčochář**

**9:10-10:10 Invited:** Diderik Batens: A Unifying Program for Defeasible Reasoning Forms: Adaptive Logics

**10:10-10:40** Marta Bílková, Sabine Frittella, Daniil Kozhemiachenko, Ondrej Majer, Sajad Nazari: Probabilistic Reasoning Based on Incomplete and Inconsistent Information

Coffee break

**Chair: William Stafford**

**11:00-11:30** Paolo Baldi, Hykel Hosni: Probability and Degrees of Truth

**11:30-12:00** Vítězslav Švejdar: Interpolation Without Equality

**12:00-12:30** Raheleh Jalali, Amirhossein Akbar Tabatabai: Forms of Rules Imply Disjunction Property

Lunch

**14:00-15:00 Tutorial:** Andrew Tedder: Three Flavours of the Relevance Criterion: A Tutorial on Relevant Logics, Part I

Coffee break

**Chair: Ivo Pezlar**

**15:20-15:50** Luis Estrada-González: An Abelardian Reply to the Stone Problem

**15:50-16:20** Kentaro Yamamoto: Choice-Free Duality for Ortholattices by Means of Spectral Spaces

Coffee break

**16:40-17:10** Adam Trybus: Affine Spatial Logics: Three Dimensions and Beyond

**17:10-17:40** Francesco A. Genco: Formal Explanation, Classical Logic, and Intuitionistic Logic

**19:00 beer party**

**Wednesday, September 29**

**Chair: Vít Punčochář (online session)**

**9:30-10:00** Colin R. Caret: Simple Semantics for Logics of Indeterminate Epistemic Closure

**10:00-10:30** Konstantin Shishov: Unsharp Quantum Measurements as a States of Knowledge: Epistemic Approach to Quantum Logic

Coffee break

**Chair: Ondrej Majer**

**10:50-11:20** Ivo Pezlar: What Speech Act is Tied to a Contradiction?

**11:20-11:50** Preston Stovall: Model-Theoretic and Proof-Theoretic Analyses of Deontic Modality: Agentive and Linguistic Rejection

**11:50-12:20** Will Stafford: Decidability and Finitary Character of Proof-Theoretic Validity

Lunch

**13:30-14:30 Tutorial:** Andrew Tedder: Three Flavours of the Relevance Criterion: A Tutorial on Relevant Logics, Part II

Coffee break

**Chair: Igor Sedlár (online session)**

**14:50-15:20** Graham Leach-Krouse, Shay Logan: Hyperdoctrine Semantics: An Invitation

**15:20-15:50** Christian Romero-Rodriguez, Ricardo Arturo Nicolás-Francisco: Two Faces of Logical Minimalism

**15:50-16:20** Stepan L. Kuznetsov: Reasoning in Commutative Kleene Algebras from \*-free Hypotheses

Coffee break

**16:40-17:40 Invited (online):** Katalin Bimbó: The Genesis of the Concept of a Gaggle

**17:40-18:10** Marcello D'Agostino, Alejandro J. Solares-Rojas: Tractable Depth-Bounded Approximations to First-Degree Entailment

**19:30 Tour of Basilica**

## **Thursday, September 30**

**Chair: Sabine Frittella**

**9:10-10:10 Invited:** Rosalie Iemhoff: On Terminating Sequent Calculi

**10:10-10:40** Iris van der Giessen: Admissible Rules in Intuitionistic Modal Logic

Coffee break

**Chair: Colin Zwanziger**

**11:00-11:30** Lutz Strassburger: Combinatorial Proof Identity

**11:30-12:00** Robin Martinot: A Formal Perspective on Purity of Proof: When Does a Mathematical Proof Belong to the Content of a Theorem?

**12:00-12:30** Ansten Klev: Definition and Computation

Lunch

**14:30 Colloquium on logical forms**

**19:00 Banquet**

## **Friday, October 1**

**Chair: Iris van der Giessen**

**9:10-10:10 Invited:** Christian Fermüller: Revisiting Brandom's Incompatibility Semantics

**10:10-10:40** Thomas Randriamahazaka: Truthmaker Semantics for Containment and Nonsense

Coffee break

**Chair: Preston Stovall**

**11:00-11:30** Guillermo Badia, Libor Běhounek, Petr Cintula, Andrew Tedder: Relevant Consequence Relations

**11:30-12:00** Amirhossein Akbar Tabatabai: The "Implications" of the Ultimate Subjectivism

**12:00-12:30** Marta Bílková, Sabine Frittella, Daniil Kozhemiachenko: Two-Dimensional Logics of Comparative Uncertainty

Lunch

**14:00 Departure for Prague**