

August 24th, Monday

9:30–10:00 Welcome & Zoom instructions

10:00–10:30 Chair: Davide Grossi **Jim de Groot, Helle Hansen and Alexander Kurz**
Logic-induced Bisimulations

10:30–11:00 **Jędrzej Kołodziejski**
Bisimulation Categoricity

11:00–11:30 Coffee break

11:30–12:00 Chair: Valentin Goranko **Andrzej Indrzejczak**
Definedness and Definite Descriptions in Hybrid Modal Logics

12:00–12:30 **Saul Fernandez Gonzalez and Philippe Balbiani**
Indexed Frames and Hybrid Logics

12:30–13:30 Lunch break

13:30–14:30 **Invited lecture 1** Chair: Valentin Shehtman **Nick Bezhanishvili**
Filtrations, Canonical Formulas, and Axiomatizations of Super-intuitionistic and Modal Logics

14:30–15:00 Coffee break

Short talk sessions

Session A Chair: Sara Negri

Session B Chair: Silvio Ghilardi

15:00–15:15 **K. Sano & S. Yamasaki**
Subformula property and Craig interpolation theorem of sequent calculi for tense logic

V. Shetman & D. Shkatov
Some prospects for semiproducts and products of modal logics

15:15–15:30 **N. Kurbis**
A sketch of a proof-theoretic semantics for necessity

A. Kudinov
Topological product of modal logics S4.1 and S4

15:30–15:45 **S. Marin, L.C. Pereira, E. Pimentel & E. Sales**
Ecumenical modal logic

G. Corsi & E. Orlandelli
FOIL with constant domain revisited

15:45–16:00 **S. Marin & M. Morales Elena**
Fully structured proof theory for intuitionistic modal logics

C. Hampson
FOLTL with counting quantifiers over finite timelines with expanding domains is Ackermann-complete

16:00–16:15 **Y. Petrukhin**
Cut-free hypersequent calculi for the logics with non-standard S5-style modalities

M. Sandström
Expressivity of linear temporal logic under team semantics

16:15–16:30 **M. Antonelli**
The proof theory of apodictic syllogistic

D.E. Quadrellaro
Algebraic semantics of intuitionistic inquisitive and dependence logic

August 25th, Tuesday

10:00–10:30	Chair: Sophie Pinchinat	Ana de Almeida Borges and Joost J. Joosten <i>Quantified Reflection Calculus with One Modality</i>
10:30–11:00		Mikhail Rybakov and Dmitry Shkatov <i>Algorithmic Properties of First-order Modal Logics of the Natural Number Line in Restricted Languages</i>
11:00–11:30	Coffee break	
11:30–12:00	Chair: Yanjing Wang	Saul Fernandez Gonzalez, Hans van Ditmarsch and Philippe Balbiani <i>Quantifying over Asynchronous Information Change</i>
12:00–12:30		Fausto Barbero and Fan Yang <i>Counterfactuals and Dependencies on Causal Teams: Expressive Power and Deduction Systems</i>
12:30–13:30	Lunch break	
13:30–14:30	Invited lecture 2 Chair: Rineke Verbrugge	Nina Gierasimczuk <i>Learning and Modal Logic: There and Back Again</i>
14:30–15:00	Coffee break	
15:00–15:30	Chair: Valeria de Paiva	Guram Bezhanishvili and Luca Carai <i>Temporal Interpretation of Intuitionistic Quantifiers</i>
15:30–16:00		Hitoshi Omori and Daniel Skurt <i>A Semantics for a Failed Axiomatization of K</i>
16:00–16:30		Wesley Holliday <i>Inquisitive Intuitionistic Logic</i>

August 26th, Wednesday

10:00–10:30	Chair: Didier Galmiche	Katsuhiko Sano <i>Goldblatt-Thomason-style Characterization for Intuitionistic Inquisitive Logic</i>
10:30–11:00		Hitoshi Omori and Heinrich Wansing <i>An Extension of Connexive Logic C</i>
11:00–11:30	Coffee break	
11:30–12:00	Chair: Helle Hvid Hansen	Sebastian Enqvist <i>A Circular Proof System for the Hybrid μ-calculus</i>
12:00–12:30		Andreas Herzig and Elise Perrotin <i>On the Axiomatisation of Common Knowledge</i>
12:30–13:30	Lunch break	
13:30–14:30	Invited lecture 3 Chair: Nicola Olivetti	Bahareh Afshari <i>Cyclic Proof Systems for Modal Logics</i>
14:30–15:00	Coffee break	

Short talk sessions

	Session A Chair: Larry Moss	Session B Chair: David Fernandez-Duque
15:00–15:15	M. Borzechowski & M. Gattinger <i>A proof from 1988 that PDL has interpolation?</i>	R.-J. Wang <i>Another proof of the realization theorem</i>
15:15–15:30	I. Sedlar <i>A general completeness argument for propositional dynamic logic</i>	A. Halkjær From <i>Hybrid logic in the Isabelle proof assistant: Benefits, challenges and the road ahead</i>
15:30–15:45	D. Rogozin <i>Canonical extensions for the distributive full Lambek calculus with modal operators</i>	L. Mikec, J. J. Joosten & M. Vuković <i>A W-flavoured series of interpretability principles</i>
15:45–16:00	X. Su <i>Knowledge-based conditional obligation</i>	K. Papafilippou & J.J. Joosten <i>Independent worm battles</i>
16:00–16:15	M. Bilkova, S. Frittella, O. Majer & S. Nazari <i>Belief based on inconsistent information</i>	J. Mas Rovira, L. Mikec & J. J. Joosten <i>Generalised Veltman semantics in Agda</i>
16:15–16:30	J. Marti <i>Conditional logic is complete for convexity in the plane</i>	

August 27th, Thursday

10:00–10:30	Chair: George Metcalfe	Rajeev Goré and Ian Shillito <i>Bi-intuitionistic Logics: A New Instance of an Old Problem</i>
10:30–11:00		Satoru Niki and Hitoshi Omori <i>Actuality in Intuitionistic Logic</i>
11:00–11:30	Coffee break	
11:30–12:00	Chair: Marta Bilkova	Jonas Forster and Lutz Schröder <i>Non-iterative Modal Logics are Coalgebraic</i>
12:00–12:30		Nick Bezhanishvili, Silvio Ghilardi and Lucia Landi <i>Model Completeness and Π_2-rules: The Case of Contact Algebras</i>
12:30–13:30	Lunch break	
13:30–14:00	Chair: Guram Bezhanishvili	Valentin Goranko <i>The Modal Logic of Almost Sure Frame Validity in the Finite</i>
14:00–14:30		Yifeng Ding and Wesley Holliday <i>Another Problem in Possible World Semantics</i>
14:30–15:00	Coffee break	
15:00–15:30	Chair: Maria Aloni	Sara L. Uckelman <i>William of Sherwood on Necessity and Contingency</i>
15:30–16:00		Justin Bledin and Yitzhak Melamed <i>Spinozian Model Theory</i>
16:00–16:30		Luis Estrada-González <i>Possibility, Consistency and Connexivity</i>

August 28th, Friday

10:00–10:30	Chair: Hans van Ditmarsch	Igor Sedlar <i>Finitely-valued Propositional Dynamic Logic</i>
10:30–11:00		George Metcalfe and Olim Tuyt <i>A Monadic Logic of Ordered Abelian Groups</i>
11:00–11:30	Coffee break	
11:30–12:00	Chair: Xavier Parent	Stanislav Kikot, Ilya Shapirovsky and Evgeny Zolin <i>Modal Logics with Transitive Closure: Completeness, Decidability, Filtration</i>
12:00–12:30		Stepan Kuznetsov <i>The 'Long Rule' in the Lambek Calculus with Iteration: Undecidability without Meets and Joins</i>
12:30–13:30	Lunch break	
13:30–14:00	Chair: Roman Kuznets	Daniyar Shamkanov <i>Global Neighbourhood Completeness of the Provability Logic GLP</i>
14:00–14:30		Giulio Fellin, Sara Negri and Peter Schuster <i>Modal Logic for Induction</i>
14:30–15:00		Hirohiko Kushida <i>Reduction of Modal Logic and Realization in Justification Logic</i>
15:00–15:30	Coffee break	
15:30–16:30	Invited lecture 4 Chair: Giovanna Corsi	Melvin Fitting <i>About 'Binding Modalities'</i>
16:30–17:00	Closing session	
