AiML 2026 - Conference program

Updated 25 June 2026

Monday 29 June

9:00 - 9:15: Morning coffee

9:15 - 9:30: Opening @ room A0.01

9:30 - 10:30: Invited talk @ room A0.01, chair: Hans van Ditmarsch

9:30 - 10:30: Aybüke Özgün, The Method of Thought Experiments: Probability and Counterfactuals

10:30 - 11:00: Coffee break

11:00 - 12:40: Contributed talks - Relations and relevance @ room A0.01, chair: Igor Sedlár

- *11:00 - 11:25:* Coequivalence Relations and Descent in Modal Logic, *Rodrigo Nicolau Almeida, Matteo De Berardinis*
- *11:25 - 11:50:* Possibly Relevant Translations, *Søren Brinck Knudstorp*
- *11:50 - 12:15:* Hyperformalism for Relevant Modal Logics, *Thomas Ferguson, Shay Logan*
- *12:15 - 12:40:* On Interpretations of Normal Modal Logics, *Lev Dvorkin (online)*

12:40 - 14:15: Lunch break

14:15 - 15:55: Contributed talks - Generalised semantics @ room A0.01, chair: Yu Wei

- *14:15 - 14:40:* A General Theory of Propositional Modal Bundled Modalities, *Yifeng Ding, Yuanzhe Yang*
- *14:40 - 15:05:* Modal Measurable Logics via a Modal Loomis-Sikorski Representation Theorem, *Nick Bezhanishvili, Jim de Groot, Larry Moss*
- *15:05 - 15:30:* Non-finite Axiomatizability of Generalized Medvedev Logics, *Han Xiao*
- *15:30 - 15:55:* Ultrafilter Extensions for Veltman Semantics, *Fèlix Frigola González, Joost J. Joosten, Vicent Navarro Arroyo, Cosimo Perini Brogi*

15:55 - 16:30: Coffee break

16:30 - 17:30: Short talks (parallel sessions)

Session A @ room A0.01, chair: Fan Yang

- *16:30 - 16:45:* A New Positive Free Modal Logic with Definite Descriptions, *Takahiro Sawasaki, Yaroslav Petrukhin*
- *16:45 - 17:00:* On Local Finiteness of Modal K4 Algebras, *Gabriel Agnew*
- *17:00 - 17:15:* Modal Logic in the Middle Ages, *Wolfgang Lenzen*

Session B @ room A1.02, chair: Roman Kontchakov

- *16:30 - 16:45:* On the Proof Theory of the Constructive mu-Calculus, *Luca Sauter, Gianluca Curzi, Graham E. Leigh*
- *16:45 - 17:00:* The Good News Translation, *Timo Franssen, Søren Brinck Knudstorp*
- *17:00 - 17:15:* Model Checking for Distributed Knowing How, *Ziqi Wang*
- *17:15 - 17:30:* On the Computability-Theoretic Complexity of Model Checking in S5, *Roberto Rizzi, Luca San Mauro*

17:45 - 20:00 Welcome reception @ De Brug, Roeterseiland campus

Tuesday 30 June

9:00 - 10:40: Contributed talks - Proof theory @ room A0.01, chair: Roman Kuznets

- *9:00 - 9:25:* Modal CEGAR-tableaux with RECAR and Resolution-based SAT-shortcuts, *Rajeev Goré, Cormac Kikkert (online)*
- *9:25 - 9:50:* Uniform Interpolation of Basic Tense Logic, *Katsuhiko Sano*
- *9:50 - 10:15:* Uniform Lyndon Interpolation via Non-wellfounded Proofs, *Borja Sierra Miranda, Thomas Studer*
- *10:15 - 10:40:* A Gödel Modal Logic Over Witnessed Models, *Mauro Ferrari, Camillo Fiorentini, Paolo Giardini, Ricardo Oscar Rodriguez*

10:40 - 11:10: Coffee break

11:10 - 12:50: Contributed talks - Multimodal and inquisitive logics @ room A0.01, chair: Nicola Olivetti

- *11:10 - 11:35:* On Modal Logics of Full Products of Neighborhood Frames, *Rajab Aghamov, Andrey Kudinov, Maik Nguyen, Jakob Piribauer*
- *11:35 - 12:00:* Fusions of One-Variable First-Order Modal Logics, *Roman Kontchakov, Dmitry Shkatov, Frank Wolter*
- *12:00 - 12:25:* Inquisitive Action Logic, *Ivano Ciardelli*
- *12:25 - 12:50:* On the Expressive Power of Inquisitive Team Logic and Inquisitive First-Order Logic, *Juha Kontinen, Ivano Ciardelli*

12:50 - 14:15: Lunch break

14:15 - 15:55: Contributed talks - Intuitionistic modal logics @ room A0.01, chair: Mauro Ferrari

- *14:15 - 14:40:* Intuitionistic K is a Bisimulation-invariant Fragment of Intuitionistic First Order Logic, *Jim de Groot, João Marcos, Rodrigo Stefanes*
- *14:40 - 15:05:* Intuitionistic Justification Logic, Semantically, *Sonia Marin, Paaras Padhiar, Ian Shillito*
- *15:05 - 15:30:* Intuitionistic Monotone Modal Logic: Proof Theory and Semantics, *Tiziano Dalmonte, Jim de Groot*
- *15:30 - 15:55:* Taming Complexity in Intuitionistic Modal Logic: the Case of FIK and its Shallow Calculus, *Han Gao, Nicola Olivetti*

15:55 - 16:30: Coffee break

16:30 - 17:30: Invited talk @ room A0.01, chair: Yde Venema

16:30 - 17:30: Kit Fine, Modal Logic in the 1960's, 70's and 80's: Some Personal Reminiscences

17:45 - 18:45: Business meeting @ room A0.01

Wednesday 1 July

9:00 - 10:00: Invited talk @ room A0.01, chair: Joost J. Joosten

9:00 - 10:00: Mojtaba Mojtahedi, Intuitionistic Provability Logic

10:00 - 10:15: Coffee break

10:15 - 11:45 Contributed talks - Finiteness and definability @ room A0.01, chair: Guillaume Massas

- *10:15 - 10:40:* Logics Containing wK4: Selection à la Fine, *Simon Santschi, Niels Vooijs*
- *10:40 - 11:05:* On Modal Logics of Connectedness in Metric Spaces, *John Harding, Ilya Shapirovsky*
- *11:05 - 11:20:* Technical Problems, *oops*
- *11:20 - 11:45:* Uniform Local Tabularity in Intuitionistic Logic, *Rodrigo Nicolau Almeida*

11:45 - 11:55: Short coffee break

11:55 - 13:10 Contributed talks - Algebra @ room A0.01, chair: Alexander Kurz

- *11:55 - 12:20:* Pointed Modal Abelian Logic, Algebraically, *Filip Jankovec and Wolfgang Poiger*
- *12:20 - 12:45:* Goldblatt-Thomason Theorem for Probability Logic, *Somayeh Chopoghloo, Massoud Pourmahdian, Reihane Zoghifard (online)*
- *12:45 - 13:10:* On Strong Structural Completeness of Varieties and Quasivarieties, *Alex Citkin (online)*

13:10 - 14:30: Lunch break

14:30 - 18:00: Excursions

Thursday 2 July

9:00 - 10:00: Invited talk @ room A0.01, chair: Thomas Ferguson

9:00 - 10:00: Sara Uckelman, What the history of modal logic can teach us about the future of modal logic

10:00 - 10:15: Coffee break

10:15 - 11:30 Contributed talks - Topology @ room A0.01, chair: Ilya Shapirovsky

- *10:15 - 10:40:* Halo Semantics for Modal Logic, *Yoàv Montacute*
- *10:40 - 11:05:* Topological Logics of Path-reachability, *Aleksandr Gagarin, David Fernández-Duque*
- *11:05 - 11:30:* Non-classical Topological Evidence Logic, *Igor Sedlar*

11:30 - 11:45: Coffee break

11:45 - 13:00 Contributed talks - Epistemic logic @ room A0.01, chair: Sonja Smets

- *11:45 - 12:10:* A Semantics for Belief in Simplicial Complexes, *Adam Bjorndahl, Philip Sink*
- *12:10 - 12:35:* Better Understanding, Understanding Better, *Yu Wei*
- *12:35 - 13:00:* Knowing-Value Logic with Successor Arithmetic, *Hongyi Wang*

13:00 - 14:30: Lunch break

14:30 - 15:45 Contributed talks - Dynamic epistemic logic @ room A1.03, chair: Valentin Goranko

- *14:30 - 14:55:* Belief Contraction in Dynamic Epistemic Logic, *Gaia Belardinelli, Snow Zhang*
- *14:55 - 15:20:* Resolving Asynchronous Distributed Knowledge, *Philippe Balbiani, Hans van Ditmarsch, Clara Lerouvillois*
- *15:20 - 15:45:* The Logic of Data Access and Data Exchanges, *Alexandru Baltag, Sonja Smets*

15:45 - 16:15: Coffee break

16:15 - 17:15: Short talks (parallel sessions)

Session C @ room A2.08, chair: Yifeng Ding

- *16:15 - 16:30:* Unification and Admissible Rules for Modal Logics of Irreflexive Trees of Bounded Height, *Nikita Lukashov*
- *16:30 - 16:45:* Local Semantics for Belief, *Djanira Gomes, Rojo Randrianomentsoa, Thomas Studer*
- *16:45 - 17:00:* Logical Modeling of Belief Polarization, *Mina Young Pedersen, Sonja Smets*
- *17:00 - 17:15:* Logics for Modelling and Reasoning About Concurrent Multiplayer Games with Admissibility of Action Profiles, *Valentin Goranko, Wei Wang*

Session D @ room A2.10, chair: Katsuhiko Sano

- *16:15 - 16:30:* Second-order (Intuitionistic) Tense Logic, *Justus Becker, Anupam Das, Sonia Marin, Paaras Padhiar*
- *16:30 - 16:45:* A Strongly Terminating Sequent Calculus for Kuznetsov-Muravitski Logic, *Mauro Ferrari, Camillo Fiorentini, Paolo Giardini*
- *16:45 - 17:00:* Interpolation above S4, *Simon Santschi and Niels C. Vooijs*
- *17:00 - 17:15:* Fischer-Servi Logic Does not Have Interpolation, *Rodrigo Nicolau Almeida, Nick Bezhanishvili, Simon Lemal*

18:30 - 22:00: Conference dinner @ Restaurant Pllek - doors open 18:30, dinner starts 19:00, see pllek.nl for directions

Friday 3 July

9:30 - 10:30: Invited talk @ room A1.03, chair: Nick Bezhanishvili

9:30 - 10:30: David Gabelaia, Spaces Wild and Tame: General Topological Semantics for Modal Logic

10:30 - 11:00: Coffee break in room 3.16 on third floor

11:00 - 12:40: Contributed talks - Labelled calculi, analytic cut and undecidability @ room A1.03, chair: Evangelia Antonakos

- *11:00 - 11:25:* Labelled Sequent Calculi for Propositional Team Logics, *Fausto Barbero, Marianna Girlando, Valentin Müller, Fan Yang*
- *11:25 - 11:50:* Labelled Sequents for Inquisitive First-Order Modal Logic, *Ivano Ciardelli, Simone Conti*
- *11:50 - 12:15:* Analytic Cut in Epistemic Logics with Distributed Knowledge, *Ryo Murai, Sizhuo Liu, Katsuhiko Sano*
- *12:15 - 12:40:* Most Properties are Undecidable for Transitive Tense Logics, *Qian Chen, Tenyo Takahashi*

12:40 - 14:15: Lunch break

14:15 - 15:55: Contributed talks - Algebra and Conditionals @ room A1.03, chair: Ivano Ciardelli

- *14:15 - 14:40:* Conditionals and Modalities in Constructive Quantum Logics, *Juan P. Aguilera, Guillaume Massas*
- *14:40 - 15:05:* Some Results on Causal Modalities in General Spacetimes, *Marco Lewis, Nesta van der Schaaf*
- *15:05 - 15:30:* Stratified Counterpossible Logic, *Chen Huang, Xuefeng Wen*
- *15:30 - 15:55:* Relational Semantics for Flat Heyting-Lewis Logic, *Jim de Groot, Tadeusz Litak*

15:55 - 16:10: Closing @ room A1.03