

**Program: The 9th International Workshop on Logic and Cognition
Non-classical Modal and Predicate Logics
December 4-7, 2017**

Conference Venue: Room 801 & 103, Xi Chang Tang, Sun Yat-sen University

Monday, December 4th 2017 (Room 801, Xi Chang Tang)

- 10:00-10:10 Opening Shier Ju & Petr Cintula
10:10-11:10 Invited talk Melvin Fitting
Justification Logics With Quantifiers
11:10-11:30 Coffee Break and Photo Session

Section 1 (Room 103, Xi Chang Tang)

- 11:30-12:00 Contributed talk Bruno Teheux
Many-Valued Modal Logics for the Control of Resources in Multi-Agent Systems

12:00-13:30 Lunch

Section 2 (Room 103, Xi Chang Tang)

- 13:30-14:30 Invited talk George Metcalfe
Uniform Interpolation and Coherence
14:30-14:50 Coffee break
14:50-15:20 Contributed talk Stefano Bonzio, Petr Cintula and Carles Noguera
Hájek's probabilistic quantifiers revisited
15:20-15:50 Contributed talk Libor Behounek
A Free Semantics for Fuzzy Logic
15:50-16:10 Coffee break
16:10-16:40 Contributed talk Matthias Baaz and Norbert Preining
On the Classification of First Order Gödel Logics
16:40-17:10 Contributed talk Esther Anna Corsi and Christian Fermüller
Quantifiers in Logics of Argumentation
17:10-17:40 Contributed talk Jeremy Seligman
Common Sense Modal Predicate Logic
18:00-20:00 Dinner
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Tuesday, December 5th 2017 (Room 103, Xi Chang Tang)

Section 3

- 09:30-10:30 Invited talk Xavier Caicedo
10:30-10:50 Coffee break
10:50-11:20 Contributed talk Matthias Baaz and Anela Lolic
Interpolation for First-Order Gödel Logics, Solvable Fragments
11:20-11:50 Contributed talk Samuel Balco, Giuseppe Greco, Alexander Kurz, M. Andrew Moshier,
Alessandra Palmigiano and Apostolos Tzimoulis
First-order logic properly displayed

12:00-13:30 Lunch

Section 4

- 13:30-14:30 Invited talk Thomas Ehrhard
Differential Linear Logic: a syntactic account of quantitative semantics
14:30-14:50 Coffee break
14:50-15:20 Contributed talk Tadao Ishii
Modalities on pair sentential calculus PSC
15:20-15:50 Contributed talk Minghui Ma and Zhe Lin
Gentzen Sequent Calculi for Intuitionistic Modal Logics
15:50-16:10 Coffee break
16:10-16:40 Contributed talk Manuel Rebuschi
IF-First-Order Modal Logic, Subjunctive Markers, and Intensional Transitive Verbs

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| 16:40-17:10 | Contributed talk | Jiří Raclavský <i>Partiality of Propositions and Existential Import of Modal / Non-Modal Categorical Statements</i> |
| 17:10-17:40 | Contributed talk | Jeremy Seligman and Yanjing Wang <i>Towards a Logic of Knowing Who</i> |
| 18:00-20:00 | Dinner | |

Wednesday, December 6th 2017 (Room 103, Xi Chang Tang)

Section 5

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| 09:30-10:30 | Invited talk | Hu Liu <i>Modal Logic Meets Social Choice</i> |
| 10:30-10:50 | Coffee break | |
| 10:50-11:20 | Contributed talk | Igor Sedlar and Amanda Vidal Wandelmer <i>Lattice-valued epistemic logics</i> |
| 11:20-11:50 | Contributed talk | Giuseppe Greco, Fei Liang, Alessandra Palmigiano & Peter Jipsen <i>Generalized Residuated Frames</i> |
| 12:00-13:30 | Lunch | |

Section 6

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| 13:30-14:30 | Invited talk | Rosalie Iemhoff <i>Quantifiers and Terms in Intermediate Logics</i> |
| 14:30-14:50 | Coffee break | |
| 14:50-15:20 | Contributed talk | Dazhu Li and Yanjing Wang <i>Modal Mereology</i> |
| 15:20-15:50 | Contributed talk | Huimin Dong and Olivier Roy <i>The Defeasible Characters of Permission: A Prioritized Default Theory Perspective</i> |
| 15:50-16:20 | Contributed talk | Federico L. G. Faroldi <i>First-Order Hyperintensional Deontic Logic</i> |
| 18:00-20:00 | Banquet | |

Thursday, December 7th 2017 (Room 103, Xi Chang Tang)

Section 7

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| 09:30-10:30 | Invited talk | Edwin Mares <i>From IFF to IS: The Conditional, the Biconditional, and Identity in Relevant Logics</i> |
| 10:30-10:50 | Coffee break | |
| 10:50-11:20 | Contributed talk | Tomoaki Kawano <i>Dynamic Quantum Logic with Modality for Measurement</i> |
| 11:20-11:50 | Contributed talk | Krystyna Mruzczek-Nasieniewska, Marek Nasieniewski, Andrzej Pietruszczak <i>On a Modal Extension of the Discussive Logic</i> |
| 12:00-13:30 | Lunch | |

Section 8

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| 13:30-14:00 | Contributed talk | Ondrej Majer <i>The (Relevant) Logic of Scientific Discovery</i> |
| 14:00-14:30 | Contributed talk | Yuanlei Lin and Minghui Ma <i>Semantical Analysis of Berman Logics</i> |
| 14:30-14:50 | Coffee break | |
| 14:50-15:20 | Contributed talk | Giuseppe Greco, Fei Liang, Alessandra Palmigiano & Umberto Rivieccio <i>Modal Bilattice Logic Properly Displayed</i> |
| 15:20-15:50 | Contributed talk | Hitoshi Omori <i>In Contradiction, revisited</i> |
| 15:50-16:00 | Closing | |
| 18:00-20:00 | Dinner | |
