



Schedule Of Lectures

The 11th Annual Conference of The Iranian Association for Logic
Saturday & Sunday, February 17-18, 2024

Morning & Evening

🔗 Link: <https://www.skyroom.online/ch/irip/logic>

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Saturday, February 17, 2024 / 09:00-19:00 THR		
The First Session of the Conference - 08:30 – 09:00 (THR)		
Time	Lecturer	Title
Chair: Hossein Masoumi Hamedani		
09:00 THR	Mohammad Ardeshir <i>Sharif University of Technology</i>	Considerations In Basic Arithmetic
10:00 THR	Parsa Forouqi <i>Tarbiat Modares University</i>	Categoricity And the Meaning of Arithmetic Expressions
Break - 10:35 - 10:50 (THR)		
Chair: Massoud Pourmahdian		
10:50 THR	Fatemeh sadat Nabavi <i>University of Qom</i>	Classification Of Conditional Logics Based on Preference Models
11:25 THR	Mohammad Javad Hosseinpour & Farzad Didehvar <i>Amirkabir University of Technology</i>	A Fixed-Parameter Study on Propositional Dynamic Logic
Break - 12:00 - 13:30 (THR)		
Chair: Seyyed Mohammad Ali Hojati		
13:30 THR	Seyed Moein Dostaninejad <i>Sharif University of Technology</i>	Revision Of the Conditions of Premises of Argumentative Syllogism In Ibn Sina's Logic
14:05 THR	Mojtaba Shokri & Hadi Farahani <i>Shahid Beheshti University</i>	Tree-Like Model Structure for The Branching-Time Temporal Logic of Knowledge
14:40 THR	Davood Hosseini <i>Tarbiat Modares University</i>	On Recent Formalizations of Ibn Sina's Categorical Propositions
Break - 15:15 - 15:30 (THR)		
Chair: Davood Hosseini		
15:30 THR	Mojgan Ghanbarpour <i>Islamic Azad University, Sarvestan Branch</i>	Fuzzy Logic and Graphs
16:05 THR	Borhan Shafipour <i>Islamic Azad University, Science and Research Branch</i>	The Structure of Self-Referential Paradoxes
16:40 THR	Kurosh Mavaddat Nezhaad <i>University of Kashan</i>	Analytic Hyperbolic Geometry from A Logical Point of View
Break - 17:15 - 17:30 (THR)		
The General Assembly of the Iranian Logic Association - 17:30 -18:00 (THR)		
Chair: Massoud Pourmahdian		
18:00 THR	Rohit Parikh <i>City University of New York</i>	Algorithmic Rationality and Our Personal Worlds



Sunday, February 18, 2024 / 09:00-19:45 THR		
<i>The end Session of the conference - 08:30 – 09:00 (THR)</i>		
Time	Lecturer	Title
Chair: -		
09:00 THR	Fereshteh Nabati <i>Allamah Tabataba'i University</i>	The View of the Founders of Modern Logic on Modality
10:00 THR	Erfan Barzin <i>Sharif University of Technology</i>	The Semantics of 2-relational Monoids
Break - 10:35 - 10:50 (THR)		
Chair: -		
10:50 THR	Arshia Taghavinejad & Nazanin Tavana <i>Amirkabir University of Technology</i>	Bridging Fuzzy Logic and Adaptive Learning: Innovations in Automated Reasoning with ANFIS and Reinforcement Learning
11:25 THR	Mahdi Asadi <i>Institute for Humanities and Cultural Studies</i>	Logical Truth-makers and the External World
12:00 THR	Somayeh Chopoghloo & Massoud Pourmahdian <i>IPM</i>	Dynamic Probability Logic and it's Infinitary Extension
Break - 12:35 - 15:00 (THR)		
Chair: -		
15:00 THR	Seyedamirali Mousavian <i>Shahid Beheshti University</i>	The Role of Western Logic in The Evolution of Metaphysical and Semantic Understanding of Existence and Predication
15:35 THR	Mohammad Pooya <i>Pasteur Institute of Iran & Allamah Tabataba'i University</i>	Evaluation of the Correlation Between Antimicrobial Resistance Pattern and Responsible Genes Using Truth Table and Logic Gates
16:10 THR	Seyyed Mohammad Kazem Maddi Al Mousavi <i>Qom Seminary</i>	In Search of Traces of a Hidden Conflict in Traditional Logic: Ambiguous Issues Between Words and Concepts
Break - 16:45 - 17:00 (THR)		
Chair: Mohammad Golshani		
17:00 THR	Ziba Assadi & Paola Inverardi <i>Gran Sasso Science Institute</i>	Functional Morality by Fuzzy Logic
17:35 THR	Boban Velickovic <i>Paris Diderot University</i>	In Search of Higher Forcing Axioms - Strongly Guessing Model
18:35 THR	Graham Priest <i>Melbourne University</i>	The Contradictory Dao
The End Session of the Conference - 19:35 – 19:45 (THR)		