
Tuesday, March 12th

Morning session

- 9:50 **Opening**
- 10:00 Anna Romanowska
Convex Sets and Barycentric Algebras
- 10:45 Wojciech Dzik
Applications of Unification in Intuitionistic Predicate Logic and its extensions
- 11:30 **Coffee break**
- 12:00 Janusz Czelakowski
The Lattice of Equational Theories of Two-Element Algebras
- 12:30 Janusz Kaczmarek
Theory of Situations in Hybrid Topological Lattices

Afternoon session

- 16:00 Katarzyna Matczak
Finitely Generated Dyadic Convex Sets
- 16:30 Anna Mućka
Duality for Convex Polytopes
- 17:00 **Coffee break**
- 17:30 Adam Komorowski
Beyond Barycentric Algebras
- 18:00 Adam Morawiec
Constructive approach to $Pol_Q = Pol_\zeta$
- 18:30 Tomasz Witczak
Intuitionistic Neighborhood Frames and Topological Spaces

Wednesday, March 13th

Morning session

- 9:30 David Miller
Autonomous Axioms for Metrics and Measures
- 10:15 Wiesław Kubiś
Automorphism Groups of Homogeneous Structures
- 11:00 **Coffee break**
- 11:30 Jan Paseka
Categoric Simulation of Production Flows
- 12:15 Edouard Wagneur
Embedding Idempotent Semimodules
- 20:00 **Conference dinner**

Thursday, March 14th

Afternoon session

- 15:15 Raja Natarajan
Solving Boolean Equations on Set-valued Variables
- 16:00 Zofia Kostrzycka and Marek Zaionc
Quantitative study of Fuzzy Logics
- 16:30 **Coffee break**
- 17:00 Emília Halušková
On one Discrete Property of Monotone Functions
- 17:30 Ângela Mestre
Square Matrices related to Sequences of Riordan Arrays
- 18:15 **Special session:**
Mirosław Kurkowski
Polish academic memorabilia 1839 - 1948

Friday, March 15th

Morning session

- 9:30 Jan Woleński
Models and States of Affairs
- 10:15 Jerzy Pogonowski
Mathematical Intuitions
- 11:00 **Coffee break**
- 11:30 Ján Haluška
On a generalization of the Gaussian plane to three dimensions
- 12:00 Krzysztof Krawczyk and Tomasz Jarmużek
Relating epistemic logic. An alternative approach to reasoning about propositional attitudes
- 12:30 Tomasz Połacik
TBA

Afternoon session

- 15:00 Michał Mazur and Mirosław Kurkowski
Some complexity properties of security protocols verification tools structures and algorithms
- 15:30 Michał Chowaniec and Mirosław Kurkowski
Using SAT based approach for cryptanalysis of symmetric ciphers
- 16:00 **Coffee break**
- 16:30 Małgorzata Łazarska and Mirosław Kurkowski
New searching ways in graph databases
- 17:00 Dorota Leszczyńska-Jasion and Szymon Chlebowski
Synthetic Tableaux for Propositional Intuitionistic Logic
- 18:00 **Special session:**
Kazimierz Czarnota
The first machine controlled by a programme. Jacquard and Szczepanik.

Saturday, March 16th

Morning session

- 10:00 Ryszard Miszczyński
Protothetics vs. Classical Propositional Calculus
- 10:30 Monika Piśniak
Uncertainty of information and measurement of information
- 11:00 **Coffee break**
- 11:30 Grzegorz Sitek
*Construction of the primitive notions of Hilbert's Geometry in Tarski's
Geometry of Solids*
- 12:00 Yuriy Povstenko and Tamara Kyrylych
Generalized boundary conditions for equations with fractional derivatives
- 12:30 Yutaka Miyazaki
On Modal Logics with Cyclic Axioms