

**PLS8**

# SYMPOSIUM PROGRAM

## 8th Panhellenic Logic Symposium

### Ioannina, July 4-8, 2011

#### Monday, July 4

08:00-08:50	Registration
08:00-08:50	Opening
09:00-10:30	<b>Tutorial:</b> D. Miller (INRIA) <i>The Sequent Calculus: Overview and Recent Developments I</i>
<i>Coffee Break</i>	
11:00-12:00	<b>Invited Talk:</b> M. Rathjen (U. of Leeds) <i>The Existence Property among Set Theories</i>
12:00-12:30	P. Stefaneas (NTUA) <i>On Scientific Theories and Institutions</i>
12:30-13:00	G. Vafeiadou (MPLA) <i>Comparing Two Minimal Systems for Constructive Analysis</i>
13:00-13:30	A. Achilleos (CUNY) <i>A Multi-Agent Justification Logic, Interactions and a Complexity Result</i>
<i>Lunch Break</i>	
16:30-17:30	<b>Tutorial:</b> S. Thomas (Rutgers U.) <i>A Descriptive View of Combinatorial Group Theory I</i>
<i>Coffee Break</i>	
18:00-20:00	<b>Student Session I</b> (chaired by D. Miller, M. Rathjen)

#### Tuesday, July 5

09:00-10:30	<b>Tutorial:</b> D. Miller (INRIA) <i>The Sequent Calculus: Overview and Recent Developments II</i>
<i>Coffee Break</i>	
11:00-12:00	<b>Invited Talk:</b> A. Tzouvaras (U. of Thessaloniki) <i>Localization Principles in Set Theory</i>
12:00-12:30	T. Nemoto (U. of Bern) <i>Determinacy and <math>\Pi_1^1</math> Transfinite Recursion Along <math>\omega</math></i>
12:30-13:00	V. Gregoriades (Tech. U. of Darmstadt) <i>Effective Theory on Arbitrary Polish Spaces</i>
13:00-13:30	K. Sato (U. of Bern) <i>Dependent Transfinite Recursion</i>
<i>Lunch Break</i>	
16:30-17:30	<b>Tutorial:</b> J. Avigad (CMU) <i>Interactive Theorem Proving I</i>
<i>Coffee Break</i>	
18:00-18:30	F. Afrati (NTUA), M. Damigos (NTUA) and M. Gergatsoulis (Ionian U.) <i>Rewriting Real Conjunctive Queries Using Viewsets of Minimal-Size</i>
18:30-19:00	E. Foustoucos (AUEB) and L. Kalantzi (MPLA) <i>Automata-Theoretic and Datalog-Based Solutions of Monadic Second-order Logic Evaluation Problems over Structures of Bounded-Treewidth</i>
19:00-19:30	N. Ivanov (U. of Sofia) and D. Vakarelov (U. of Sofia) <i>Relational Syllogistics</i>
19:30-20:30	<b>Student Session II</b> (chaired by D. Miller, M. Rathjen)

## Wednesday, July 6

09:00-10:00	<b>Tutorial:</b> S. Thomas (Rutgers U.) <i>A Descriptive View of Combinatorial Group Theory II</i>
10:00-10:30	Y. Stephanou (U. of Athens) <i>The Liar and a Theory of Truth</i>
<i>Coffee Break</i>	
11:00-12:00	<b>Tutorial:</b> J. Avigad (CMU) <i>Interactive Theorem Proving II</i>
12:00-12:30	V. Nenchev (U. of Sofia) <i>Undecidability of Logics for Mereological and Mereotopological Relations</i>
12:30-13:00	D. Kapantais (Acad. of Athens) <i>Intuitionistic Formal Semantics for Future Contingents</i>
<i>Lunch, Free Afternoon, Excursion</i>	

## Thursday, July 7

09:00-10:00	<b>Invited Talk:</b> G. Barmpalias (Chinese Acad. of Sci.) <i>On the Number of Infinite Sequences with Trivial Initial Segment Complexity</i>
10:00-10:30	Z. Esik (U. of Szeged) and W. Kuich (Tech. U. of Vienna) <i>Axiomatizing Rational Series</i>
<i>Coffee Break</i>	
11:00-12:00	<b>Invited Talk:</b> N. Schweikardt (Goethe U.) <i>An Overview of Order-Invariant First Order Logic and Extensions Thereof</i>
12:00-12:30	A. Murawski (U. of Leicester) and N. Tzevelekos (Oxford U. Computing Group) <i>Algorithmic Nominal Game Semantics</i>
12:30-13:00	G. Fourtounis (NTUA), N. Papaspyrou (NTUA) and P. Rondogiannis (U. of Athens) <i>The Intensional Transformation for Functional Languages with User-Defined Data Types</i>
13:00-13:30	P. Cheilaris (Ben Gurion U.), J. Ramirez (CUNY) and S. Zachos (NTUA) <i>Checking in Linear Time If an S-term Normalizes</i>
<i>Lunch Break</i>	
16:30-17:30	<b>Tutorial:</b> J. Avigad (CMU) <i>Interactive Theorem Proving III (with Examples from Euclid)</i>
<i>Coffee Break</i>	
18:00-18:30	M. Shenefelt (NYU) <i>Why Does Formal Logic Begin with the Classical Greeks?</i>
18:30-19:00	A. Syropoulos (Greek Molecular Computing Group) and V. de Paiva (U. of Birmingham) <i>Fuzzy Topological Systems</i>
19:00-19:30	B. Heinemann (Fernuniversität in Hagen) <i>'Topologic' Can Be More Expressive</i>
19:30-20:30	<i>Syskepsis</i>
<i>Symposium Dinner (Politia, 21:30)</i>	

## Friday, July 8

09:00-10:00	<b>Tutorial:</b> S. Thomas (Rutgers U.) <i>A Descriptive View of Combinatorial Group Theory III</i>
10:00-10:30	N. Galatos (U. of Denver) and K. Terui (Kyoto U.) <i>Interpolation and Amalgamation for Substructural Logics and Residuated Lattices</i>
<i>Coffee Break</i>	
11:00-12:00	<b>Invited Talk:</b> O. Beyarslan (Bogazici U.) <i>Algebraic Closure in Pseudofinite Fields</i>
12:00-12:30	D. Foulis (U. Mass. Amherst) and S. Pulmanova (Slovak Acad. of Sci.) <i>Logical Connectives in Lattice Effect Algebras</i>
12:30-13:00	A. Benedek (Hungarian Acad. of Sci.) <i>Two conceptions of the dynamics of group knowledge</i>
13:00-13:30	<i>Closing</i>