PLS9: 9ᵗʰ Panhellenic Logic Symposium

July 15-18, 2013
National Technical University of Athens

Monday, July 15

09:00- Registration

09:45-10:00 Opening

10:00-11:45 Invited talk

Phokion Kolaitis (University of California at Santa Cruz)
Schema Mappings and Data Examples: An Interplay of Syntax and Semantics.

11:45-12:00 Coffee break

12:00-13:15 Invited talk

Dimitris Plexousakis (University of Crete), joint work with **Theodore Patkos**
Calculi for Reasoning about Action and Knowledge.

13:15-15:00 Lunch break

15:00-16:30 Paper session #1 — Chair: **Stathis Zachos**

Jose Martínez Fernández (Universitat de Barcelona)
On Some Self-referential Four-valued Languages.

Zoltán Ésik (University of Szeged) and **Panos Rondogiannis** (University of Athens)
A Fixed Point Theorem for Non-Monotonic Functions.

Emmanouil Koukoutos and **Nikolaos Papaspyrou** (National Technical University of Athens)
Type Inference for a Higher-Order Extension of Prolog.

16:30-17:00 Coffee break

17:00-19:00 Work in progress and student session — Chair: **Nikolaos Papaspyrou**

Tuesday, July 16

09:30-10:45 Invited talk

Judy Pelham (York University)
What is the Nature of Logic?

10:45-11:15 Coffee break

11:15-13:15 Paper session #2 — Chair: **Joan Moschovakis**

Sergey Sudoplatov (Sobolev Institute of Mathematics)
Deterministic and Absorbing Structures.

Elena Ovchinnikova (Novosibirsk State Technical University) and **Sergey Sudoplatov** (Sobolev Institute of Mathematics)
Structures of Distributions of Isolating Formulas as Derivative Structures: for Acyclic Graphs.

Pantelis Eleftheriou (University of Waterloo)
Semi-bounded Groups.

Antonis Kakas (University of Cyprus), **Francesca Toni** (Imperial College London), and **Paolo Mancarella** (Università di Pisa)
Argumentation and Propositional Logic.

13:15 Lunch

14:00- Excursion: Sounion (swimming included) and the archaeological site

Wednesday, July 17

09:30-10:45   Invited talk

Alexander Kechris (California Institute of Technology)
Dynamics of Non-Archimedean Polish Groups.

10:45-11:15   Coffee break

11:15-12:30   Tribute to Alan Turing

Stathis Zachos (National Technical University of Athens)
The Road from Leibniz to Turing.

12:30-12:45   Short break

12:45-13:15   Paper session #3 — Chair: **Panos Rondogiannis**

Alla Sirokofskich (University of Crete and University of Leeds)
Decidability Issues for Infinite Integer Sequences with Finite Support.

13:15-15:00   Lunch break

15:00-16:00   Syskepsis

16:00-   Visit: Acropolis Museum and the Acropolis area

20:30-   Dinner: "Agrotera", 6, Vas. Olgas Ave. near the Zappeion

Thursday, July 18

09:30-10:45   Invited talk

Manolis Koubarakis (University of Athens), joint work with **Charalampos Nikolaou**
Incomplete Information in RDF Using Constraints.

10:45-11:15   Coffee break

11:15-12:45   Paper session #4 — Chair: **Costas Dimitracopoulos**

Vladislav Nenchev (Sofia University)
Decidability of Modal Logics for Dynamic Contact Relations.

Tudor Protopopescu (City University of New York)
Introduction to the Bi-Modal Analysis of Knowability.

Antonis Achilleos (City University of New York) and **Michael Lampis** (KTH Royal Institute of Technology)
Closing a Gap in the Complexity of Refinement Modal Logic.

12:45-13:00   Closing