



**International Conference:**

# **PHILOSOPHY OF SCIENTIFIC EXPERIMENTATION 5 (PSX5)**

Organized by :

**Slobodan Perović**

(Head, Department of Philosophy, Faculty of Philosophy, University of Belgrade)

**Vojin Rakić**

(Director, Center for the Study of Bioethics, UNESCO Chair in Bioethics, University of Belgrade)

Keynote Speakers:

**Helena Siipi**

(University of Turku, Finland)

**Kevin Zollman**

(Carnegie Mellon University, USA)

**Belgrade, 22-23 September 2016**

## Program:

### September 22, 2016

**9:15** Opening addresses: Slobodan Perovic (Head of the Department of Philosophy), Vojin Rakic (Director of the Center for the Study of Bioethics), Zivan Lazovic (Vice-Rector of the University of Belgrade)

**9:30 – 10:30** Keynote: Helena Siipi (University of Turku)

**10:30 – 11:20** Animal Models and Extrapolation

Michael Wilde (University of Kent)

**11:30 – 12:20** Overcoming the Experimenter's Regress in Biomedical Research

Romina Zuppone (Universitat de Barselona)

Lunch break

**14:00 – 14:50** Towards a Unified Regulation Policy for Deception in Experimental Social Science

Separate from the Medical Sciences

Gil Hersch (George Mason University)

**15:00 – 15:50** From Turing Patterns to Biological Explanation

Maria Serban (University of Copenhagen)

**16:00 – 16:50** Some Experiments Are Representations: Archetypal Educational Laboratory

Experiments as Scientific Research

Brandon Boesch (University of South Carolina)

**17:15 – 18:00** Visit to the Collection of Early Experimental Psychology Instruments (at the Laboratory for Experimental Psychology)

**19:00** Dinner

### September 23, 2016

**9:30 – 10:30** Keynote: Kevin Zollman (Carnegie Mellon University)

**10:30 – 11:20** What is the Value of Epistemic Democracy in Big Science?

Vitaly Pronskikh (Fermilab)

**11:30 – 12:20** Importance of External Experimental Data Repositories for Science Policy Vlasta Sikimic (University of Belgrade)

Lunch break

**14:00 -14:50** Deduction, Induction, and Statistical Inference

Kevin Kelly and Konstantin Genin (Carnegie Mellon University)

**15:00 – 15:50** Argumentative agent-based model of scientific inquiry

Dunja Seselja, Christian Strasser, Annemarie Borg (Ruhr-University, Bochum)

**16:00 – 16:50** The Role of Abduction in Chaining Multiple Experiments

Anton Donchev (New Bulgarian University)