

FOURTH  
**SILFS**

POSTGRADUATE CONFERENCE  
ON LOGIC AND PHILOSOPHY OF SCIENCE

UNIVERSITY OF URBINO  
JUNE 3<sup>rd</sup>-7<sup>th</sup> 2019

PROG  
RAM

VENUE

University of Urbino, Palazzo Albani  
via Timoteo Viti 10, Urbino, 60129 (PU) Italy  
Room: Clemente XI



1506  
UNIVERSITÀ  
DEGLI STUDI  
DI URBINO  
CARLO BO.  
Dottorato di Ricerca in Scienze di Base



UNIVERSITÀ DI CAGLIARI  
DIPARTIMENTO DI PEDAGOGIA,  
PSICOLOGIA, FILOSOFIA



REGIONE AUTONOMA  
DE SARDIGNA  
REGIONE AUTONOMA  
DELLA SARDEGNA



romatreorchestra

**3<sup>RD</sup> JUNE 2019, MONDAY**

- ▶ 09:30 Registration
- ▶ 10:00 Welcome Coffee
- ▶ 10:30 Welcome Address by Vilberto Stocchi (Chancellor of the University of Urbino), Gino Tarozzi (University of Urbino) and Roberto Giuntini (University of Cagliari, President of SILFS)
- ▶ 11:00 Alessandro Guaitolini (Roma Tre Orchestra)  
J. S. Bach, Suite No. 2 in D minor, BWV 1008
- ▶ 11:30–12:30 Invited Speaker: Gerhard Heinzmann (Université de Lorraine)  
Formalizations of constructiveness: predicative and operative mathematics from Weyl to Feferman, and developments of Hilbert's meta-mathematics.  
Chair: Gino Tarozzi (University of Urbino)

**FIRST SESSION: Philosophy of Mind and Cognitive Science**

- Chair: Francesco Bianchini (University of Bologna)
- ▶ 15:00 Vanja Subotić (University of Belgrade)  
Can Connectionism Save Usage-based Theories? A reappraisal of the connectionism vs. symbolism debate
- ▶ 15:40 Marco Facchini (IUSs, Pavia)  
Can "Basic Minds" ever meet content? A problem for Radical Enactivism
- ▶ 16:20 Coffee & Tea  
Chair: Luisa Damiano (University of Messina)
- ▶ 16:40 Stefano Calboli (University of Urbino), Vincenzo Fano (University of Urbino) and Roberto Macrelli (University of Urbino)  
The Moral Decoy Effect. Asymmetric Dominance Effect in Morality and Its Political Implications
- ▶ 17:20 Robert Chis-Ciure (University of Bucharest)  
and Francesco Elia (University of Bologna)  
Facing up to the Hard Problem as an Integrated Information Theorist
- ▶ 18:00–19:00 Invited Speaker:  
Stefania Centrone (Technische Universität Berlin)  
Husserl and Weyl  
Chair: Vincenzo Fano (University of Urbino)

**4<sup>TH</sup> JUNE 2019, TUESDAY****SECOND SESSION: General Philosophy of Science**

- Chair: Mario Alai (University of Urbino)
- ▶ 09:30 Eugenio Petropovich (University of Siena)  
Bridging the Gap between General Philosophy of Science and Scientometrics: Towards an Epistemological Theory of Citations
- ▶ 10:10 Alejandra Casas Muñoz (University of Bristol)  
An Inferential Conception of Scientific Explanation
- ▶ 10:50 Coffee & Tea  
Chair: Marco Giunti (University of Cagliari)
- ▶ 11:10 Alberto Corti (University of Urbino)  
Scientific Realism without Reality? What remains when metaphysics is left out

**THIRD SESSION: Classical and Non-Classical Logics**

- Chair: Sara Negri (University of Helsinki)
- ▶ 15:00 Stefano Bonzio (Marche Polytechnic University), Tommaso Flaminio (Artificial Intelligence Research Institute, IIIA – Spanish National Research Council, CSIC) and Paolo Galeazzi (University of Copenhagen)  
Sure-wins under coherence
- ▶ 15:40 Michele Pra Baldi (University of Cagliari)  
The lattice of logics of variable inclusion
- ▶ 16:20 Coffee & Tea  
Chair: Roberto Giuntini (University of Cagliari)
- ▶ 16:40 Sara Negri (University of Helsinki) and Edi Pavlović (University of Helsinki)  
DSTIT modalities through a sequent calculus
- ▶ 17:20 Davide Dalla Rosa (University of Padua)  
In which sense is Kant's categorical syllogistic non-classical?
- ▶ 18:00–19:00 Invited Speaker: Sara Negri (University of Helsinki)  
Unveiling the constructive core of classical theories: A contribution to 90 years of Glivenko's theorem  
Chair: Roberto Giuntini (University of Cagliari)
- ▶ 20:00 Social Dinner

**5<sup>TH</sup> JUNE 2019, WEDNESDAY****FOURTH SESSION: Philosophy and Foundations of Physics**

- Chair: Laura Felline (University of Rome III)
- ▶ 09:30 Frida Trotter (University of Lausanne)  
The [un]observability of the entangled state
- ▶ 10:10 Ivan Chajda (University of Olomouc), Davide Fazio (University of Cagliari) and Antonia Ledda (University of Cagliari)  
The Generalized Orthomodularity Property: Configurations, Pastings and Completions
- ▶ 10:50 Coffee & Tea  
Chair: Giuseppe Sergioli (University of Cagliari)
- ▶ 11:10 Silvia Bianchi (IUSs, Pavia)  
Introducing Thin Objects in Mathematical Structuralism: Ontological Dependence and Grounding for a Weak Approach
- ▶ 11:50 Andrea Oldofredi (University of Lausanne)  
An Internal Realist Interpretation of the Primitive Ontology Programme

**FIFTH SESSION: Philosophy of Social Sciences**

- Chair: Pierluigi Barrotta (University of Pisa)
- ▶ 15:00 Giulia Miotti (Sapienza University of Rome)  
Imperfect Knowledge And Non-Equilibrium In Finance: The Efficientist Approach In The Light Of Fallibilism
- ▶ 15:40 Stefano Vaselli (University of Turin)  
Is Methodological Individualism Without Ontological Individualism Possible?
- ▶ 16:20 Coffee & Tea  
Chair: Eleonora Montuschi (Ca' Foscari University of Venice)
- ▶ 16:40–17:40 Winner of SILFS Prize for the Philosophy of Science 2018  
Remco Heesen (University of Western Australia)  
The Necessity of Commensuration Bias in Grant Peer Review

**6<sup>TH</sup> JUNE 2019, THURSDAY****SIXTH SESSION: Philosophy of Biology and Health Sciences**

- Chair: Gilberto Corbellini (Sapienza University of Rome, CNR-DSU)
- ▶ 09:30 Federico Boem (University of Milan), Stefano Bonzio (Marche Polytechnic University) and Barbara Osimani (Marche Polytechnic University; LMU München)  
The Cochrane case: an epistemic analysis on decision-making and trust in science in the age of information
- ▶ 10:10 Silvano Zipoli Caiani (University of Florence), Federico Boem (University of Milan) and Gabriele Ferretti (University of Florence)  
Out of our Skull, within our Skin: The Gut Microbiota and the Extended Mind Thesis
- ▶ 10:50 Coffee & Tea  
Chair: Cristina Amoretti (University of Genoa)
- ▶ 11:10 Chiara Beneduce (University Campus Bio-Medico of Rome)  
"Complexio". A systemic approach to organism's dynamics
- ▶ 11:50 General assembly of SILFS

**SEVENTH SESSION: Foundations of Logic and Mathematics**

- Chair: Emiliano Ippoliti (Sapienza Univ. of Rome)
- ▶ 15:00 Ludovica Conti (University of Pavia)  
Russell's Paradox ways out
- ▶ 15:40 Claudio Ternullo (Kurt Gödel Research Center for Mathematical Logic, University of Vienna) and Luca Zanetti (IUSs, Pavia)  
From Bolzano to Frege: A Cantorian Path
- ▶ 16:20 Coffee & Tea  
Chair: Laura Crosilla (Univ. of Birmingham)
- ▶ 16:40 Matteo Zicchetti (University of Bristol)  
Truth-theories, Cognitive Projects and Trustworthiness
- ▶ 17:20 Michele Lubran (University of Turin)  
Difference-making and explanation in mathematics
- ▶ 18:00–19:30 Invited Speaker: Heinrich Wansing (Ruhr-Universität Bochum)  
Connexive Heyting-Brouwer logic  
Chair: Francesco Bianchini (University of Bologna)

**7<sup>TH</sup> JUNE 2018 , Friday****EIGHTH SESSION: Foundations of Computing and Artificial Intelligence**

- Chair: Guglielmo Tamburini (University of Naples Federico II)
- ▶ 09:30 Mirko Tagliaferri (University of Urbino)  
How to Build a Formal Notion of Trust
- ▶ 10:10 Sandro Sozzo (University of Leicester)  
Entanglement and Quantum Structures in Concept Combinations
- ▶ 10:50 Coffee & Tea  
Chair: Edoardo Datteri (University of Milano-Bicocca)
- ▶ 11:10 Silvia Crafa (University of Padua) and Lucrezia Pelizzon (University of Cagliari)  
Epistemological questions for a philosophical education in artificial intelligence
- ▶ 11:50 Best Presentations Awards  
Chair: Roberto Giuntini (University of Cagliari) and Gino Tarozzi (University of Urbino)
- Closing

**Scientific Committee:**

The Council of SILFS, Italian Society for Logic and the Philosophy of Science ([www.silfs.it](http://www.silfs.it))

**Organizing Committee:**

Mario Alai (University of Urbino)  
Francesco Bianchini (University of Bologna)  
Vincenzo Fano (University of Urbino)  
Marco Giunti (University of Cagliari)  
Roberto Giuntini (University of Cagliari)  
Pierluigi Graziani (University of Urbino)  
Giuseppe Sergioli (University of Cagliari)  
Gino Tarozzi (University of Urbino)