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UNIVERSITÀ  
DEGLI STUDI  
DI URBINO  
CARLO BO

DISPeA  
DIPARTIMENTO DI  
SCIENZE PURE E  
APPLICATE

Dottorato di Ricerca in Scienze di Base  
e Applicazioni

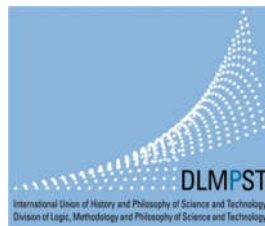


REGIONE AUTÒNOMA  
DE SARDIGNA  
REGIONE AUTONOMA  
DELLA SARDEGNA



UNIVERSITÀ DI CAGLIARI

DIPARTIMENTO DI PEDAGOGIA,  
PSICOLOGIA, FILOSOFIA



# 4th SILFS POSTGRADUATE CONFERENCE ON LOGIC AND PHILOSOPHY OF SCIENCE

UNIVERSITY OF URBINO, URBINO (ITALY)

3rd-7th of June 2019

Under the auspices of the

Division of Logic, Methodology and Philosophy of Science and Technology (DLMPST)

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

# PROGRAM

**3rd JUNE 2019, Monday**

09:30 Registration

Venue: Palazzo Albani, Univ. of Urbino,  
via Timoteo Viti 10, Urbino, 60129 Italy

10:00 Welcome Coffee

10:30 Welcome Address by **Vilberto Stocchi** (Chancellor of the Univ. of Urbino), **Gino Tarozzi** (Univ. of Urbino) and **Roberto Giuntini** (Univ. 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)

*A formalization of constructivity: predicative and operative mathematics from Weyl to Feferman*

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 Facchin** (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 Ellia** (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 **Mahdi Khalili** (Sharif University of Technology)  
*Truth without Reference: A Response to the Pessimistic Induction*

10:10 **Eugenio Petrovich** (University of Siena)  
*Bridging the Gap between General Philosophy of Science and Scientometrics: Towards an Epistemological Theory of Citations*

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*

11:50 **Alejandra Casas Munoz** (University of Bristol)  
*An Inferential Conception of Scientific Explanation*

**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 Pavlovic** (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 Felling** (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 **Antonio 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 **Walter Veit** (University of Bayreuth)

*Who is Afraid of Model Pluralism?*

15:40 **Giulia Miotti** (Sapienza University of Rome)

*Imperfect Knowledge And Non-Equilibrium In Finance: The Efficientist Approach In The Light Of Fallibilism*

16:20 Coffee & Tea

*Chair:* **Eleonora Montuschi** (Ca' Foscari University of Venice)

16:40 **Stefano Vaselli** (University of Turin)

*Is Methodological Individualism Without Ontological Individualism Possible*

17:20 – 18:20 **Winner of SILFS Philosophy of Science Prize**

**Remco Heesen** (University of Western Australia)

*The Necessity of Commensuration Bias in Grant Peer Review*

*Chair:* Giuseppe Sergioli (University of Cagliari)

**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 Lubrano** (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 Tamburrini* (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*

**Further information** can be found at [www.silfs.it](http://www.silfs.it) or by writing to Pierluigi Graziani [pierluigi.graziani@uniurb.it](mailto:pierluigi.graziani@uniurb.it)

**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)