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: B3 "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 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 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)

4th JUNE 2019, Tuesday

SECOND SESSION: General Philosophy of Science

Chair: **Mario Alai** (University of Urbino)

09:30 **Eugenio Petrovich** (University of Siena)
Bridging the Gap between General Philosophy of Science and Scientometrics: Towards an Epistemological Theory of Citations

10:10 **Alejandra Casas Munoz** (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 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***

5th 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 **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 **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 Philosophy of Science Prize***
Remco Heesen (University of Western Australia)
The Necessity of Commensuration Bias in Grant Peer Review

6th 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 Münich)
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)

7th 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 or by writing to
Pierluigi Graziani pierluigi.graziani@uniurb.it

Scientific Committee:
The Council of SILFS, Italian Society for Logic and the Philosophy of Science (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)