






# 5th SILFS Postgraduate Conference on Logic and Philosophy of Science

**June 13th – 17th, 2022**

University of Milano-Bicocca

Building U6, Piazza dell'Ateneo Nuovo 1, Milano

<https://silfs2022.unimib.it/>

June	13th	14th	15th	16th	17th
9.30-10.30	Welcome and introduction	Invited talk <b>Alberto Corti, Enrico Cinti, Marco Sanchioni</b> <i>On Entanglement as a Relation</i>	Invited talk <b>Juan M Durán</b> <i>Building credibility in machine learning through computational reliabilism</i>	Invited talk <b>Anne Sophie Meincke</b> <i>Process Biology: A New Paradigm in the Philosophy of Biology</i>	Invited talk <b>Marco Viola</b> <i>Basic Emotions from Psychology to Neuroscience: Accept, Reject, or Revise and Resubmit?</i>
10.30-11.00					
	PHILOSOPHY OF MIND AND COGNITIVE SCIENCE	PHILOSOPHY OF BIOLOGY AND HEALTH SCIENCES	CLASSICAL AND NON CLASSICAL LOGIC	CLASSICAL AND NON CLASSICAL LOGIC	PHILOSOPHY AND FOUNDATIONS OF PHYSICS
11.00-11.30	<b>Marco Facchin</b> <i>Why we can't tell what cognition is (and you can't either)</i>	<b>Stefano Canali</b> <i>Wearables as P-Medicine Technology: Identifying Epistemic Relations and Issues</i>	<b>Matteo Bizzarri</b> <i>Framing beliefs into fractional semantics for classical logic</i>	<b>Antonio Piccolomini d'Aragona</b> <i>Schematic Prawitzian validity and Prawitz's conjecture</i>	<b>Álvaro Mozota Frauca</b> <i>The problem of time for non-deparametrizable models and quantum gravity</i>
11.30-12.00	<b>Giovanni Dusi</b> <i>Principles of strategy selection</i>	<b>Claudio Davini</b> <i>Biological Functions. The Benefit of Integrating the Etiological and the Generalized Selected Effects Theory</i>	<b>Fabio De Martin Polo</b> <i>Proof Analysis in Jaśkowski's Discussive Logic. Cut-admissibility and Embedding theorems</i>	<b>Michele Pra Baldi, Massimiliano Carrara and Davide Fazio</b> <i>Paraconsistent belief revision: an algebraic investigation</i>	<b>Francesco Nappo</b> <i>What's So Special About Analogue Simulations?</i>
12.00 -12.30	<b>Samuele Maccioni and Cristiano Ghiringhelli</b> <i>Can you unlearn? A reflection on the conceptual and cognitive foundations of organization systems theory</i>	<b>Macarena Vidal Arenas</b> <i>Rethinking the relation between the whole and its parts from the synthetic biology</i>	<b>Giuliano Rosella, Tommaso Flaminio and Stefano Bonzio</b> <i>Algebras of Counterfactual Conditionals</i>	<b>Davide Fazio and Michele Pra Baldi</b> <i>On a logico-algebraic approach to AGM belief contraction theory</i>	

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12.30-13.00	<b>Davide Coraci and Gustavo Cevolani</b> <i>Reverse Inference, Probability, and Confirmation in Neuroscience</i>	<b>Francesca Bellazzi</b> <i>Biochemical functions</i>	<b>Jann Paul Engler</b> <i>Indeterminacy and generality</i>	<b>Ekaterina Kubyshkina and Mattia Petrolo</b> <i>Modelling ignorance: a comparative analysis</i>	<b>Francesca Manenti</b> <i>Epistemic Determinism in Classical Mechanics and alleged Non-deterministic Constructions</i>
13.00-14.30					
	GENERAL PHILOSOPHY OF SCIENCE	PHILOSOPHY OF SOCIAL SCIENCES	FOUNDATIONS OF LOGIC AND MATHEMATICS	CLASSICAL AND NON CLASSICAL LOGIC	FOUNDATIONS OF COMPUTING AND ARTIFICIAL INTELLIGENCE
14.30-15.00	<b>Matteo De Benedetto and Elio La Rosa</b> <i>Patchworks As Indexed Epsilon Terms: A Neo-Carnapian Account Of Theoretical Terms In Science</i>	<b>Benedicto Acosta</b> <i>Social contract theory of patents, epistemic values and the state</i>	<b>Matteo Baggio</b> <i>Epistemic Overdetermination Strikes Back. A New Hope for the A Priori</i>	<b>Bożena Pięta</b> <i>Analyzing supraclassical logics using tableau methods</i>	<b>Stefano Calboli, Luisa Damiano, Pierluigi Graziani and Hagen Lehmann</b> <i>The Consequences of Uncanny Feeling in Human-robot Interactions. An Experiment</i>
15.00-15.30	<b>Luca Zanetti</b> <i>Ensemble Modelling and Credibility</i>	<b>Saúl Pérez-González</b> <i>A place for evidence of mechanisms in evidence-based policy</i>	<b>Nicolò Cangioti, Francesco Nappo and Caterina Sisti</b> <i>Confirming Mathematical Conjectures by Analogy</i>	<b>Marianna Girlando and Anupam Das</b> <i>Cyclic Annotated Hypersequents for Transitive Closure Logic</i>	<b>Pierluigi Graziani, Stefano Maria Nicoletti and Pedro Quaresma</b> <i>On Turing Machines and Interesting Theorems</i>
15.30-16.00	<b>Mariano Martín Villuendas</b> <i>Why talk about truth? A pragmatic account of scientific understanding</i>	<b>Edoardo Peruzzi and Gustavo Cevolani</b> <i>Defending De-Idealization in Economic Modeling</i>	<b>Deniz Sarikaya</b> <i>Revolutions in mathematics! The Case of Interactive Theorem Provers</i>		<b>Laura Corti</b> <i>Human versus Artificial Embodiment? An inquiry into the robotic body</i>
16.00-16.30					

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16.30-17.00	<b>Caterina Sisti</b> <i>Ravens and Strawberries. Hempel and Ramsey on laws, explanation and pre- diction</i>	<b>Nancy Abigail Nuñez Hernandez</b> <i>Epistemic lessons from the complexity of Logical Entailment</i>	<b>Maria Beatrice Buonaguidi</b> <i>Consistency of the axioms of comprehension and extensionality in HYPE</i>	<b>Simone Picenni and Johannes Korbmacher</b> <i>The Algebra of Exact Truthmaking Propositions</i>	<b>John Smiles</b> <i>Learning Deterministic Finite Automata with Signed Examples: An Investigation into the Role of Entropy in Optimal Model Selection</i>
17.00-17.30	<b>Marco Forgione</b> <i>Understanding Feynman's Understanding: Visualization and Intelligibility in Feynman Diagrams</i>	<b>Ludovica Conti</b> <i>Arbitrary Abstraction and Logicality</i>	<b>Edi Pavlovic and Sara Negri</b> <i>The disjunction property in a labelled multi-succedent intuitionistic calculus</i>	<b>Franci Mangraviti</b> <i>A Plumwoodian argument for inconsistent mathematics</i>	<b>Muhammad Suffian</b> <i>Explainable AI: Counterfactual Explanations Generation with User Feedback</i>
17.30-18.00	<b>Lorenzo Lorenzetti</b> <i>Functionalism, Reductionism, and Levels of Reality</i>	<b>Michele Contente</b> <i>Casari on Weyl's Das Kontinuum</i>	<b>Norbert Gratzl and Edi Pavlovic</b> <i>Is, Ought, and Cut</i>	<b>Vita Saitta</b> <i>Truthmakers and Knowledge</i>	<b>Deivide Garcia da S Oliveira</b> <i>AI's invisibility: distrusting AI's choices</i>
18.00-19.00	Invited talk <b>Michela Massimi</b> <i>Perspectival Ontology: between situated knowledge and multiculturalism</i>				<b>Award ceremony</b> <i>Best presentation of each session</i>
20.00		