



Philosophical roots of mathematical logic

Center for Logic, Language, and Cognition
University of Turin, 4-6 April 2022

Program

4 April 2022

Sala Principi d'Acaja, Rettorato

[online](#)

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|-------------|---|
| 9:30-10:00 | Welcome |
| 10:00-10:50 | Mirja Hartimo (University of Helsinki), Husserl's mathematical logic |
| 10:50-11:20 | Break |
| 11:20-12:10 | Pierluigi Minari (University of Florence), At the roots of 20th century modal logic: Oskar Becker's 1930 pioneering contributions (joint work with S. Centrone) |
| 12:10-13:00 | Annika Kanckos (University of Helsinki), The development of Gödel's ontological proof |
| 13:00-14:30 | Break |
| 14:30-15:20 | Maria Regina Brioschi (University of Milan), On the philosophical relevance of Peirce's logic of relatives |
| 15:20-16:10 | Dirk Schlimm (McGill University) and David Waszek (University of Lorraine/CNRS), John Venn's pluralism regarding logical forms |
| 16:10-16:40 | Break |
| 16:40-17:30 | Guido Bonino (University of Turin), Logic and its place in philosophy according to British idealism. The case of Green |
| 17:30-18:20 | Nikolay Milkov (University of Paderborn), Bertrand Russell's philosophical logic and Its logical forms |

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| 9:00-9:50 | Colin Guthrie King (Providence College), Reforming Aristotle's logic in Brentano's School |
| 9:50-10:40 | Jean-Marie Chevalier (Collège de France) and Amirouche Moktefi (Tallinn University of Technology), Léon Foucou, the first French logicist |



10:40-11:10	Break
11:10-12:00	Laura Crosilla (University of Oslo), Hermann Weyl and the roots of mathematical logic
12:00-12:50	Mykola Nikitchenko (University of Kyiv), Philosophical categories in foundations of mathematical logic
12:50-14:30	Break
14:30-15:20	Rosario Croce (Scuola Normale Superiore, Pisa), Truth, clarity, and the world-relatedness of formal logic. Husserl on the logical tasks of the philosopher
15:20-16:10	Tabea Rohr (University of Lorraine), Logical concepts vs. logical operations: Two traditions of logic re-revisited
16:10-16:40	Break
16:40-17:30	Erich Reck (University of California, Riverside), Practical origins of Dedekind's logic
17:30-18:20	Georg Schiemer (University of Vienna), Instrumental formalism and conservativity

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9:00-9:50	Arianna Betti (University of Amsterdam), The spread of the mathematical method in eighteenth-century Germany: A data-driven investigation (joint work with Hein van den Berg, Maria Chiara Parisi and Yvette Oortwijn)
9:50-10:40	Michael Heidelberger (University of Tübingen), Herbart's position in the history of logic of the early German 19th century
10:40-11:10	Break
11:10-12:00	Lassi Saario (University of Helsinki), From natural to artificial: The mathematization of logical consequence in Bolzano and Tarski
12:00-12:50	Stefania Centrone (Distance-Learning University Hagen), Bernard Bolzano and the philosophical roots of Proof-theory
12:50-14:30	Break
15:00-15:50	Wilfried Sieg (Carnegie Mellon University), tba
15:50-16:40	Filippo Costantini (University of Venice), Leibniz's real addition calculus as a mereological calculus
16:40-17:10	Break
17:10-18:00	Jeremy Heis (University of California, Irvine), Russell and Kantianism, 1897-1900

Organizers:

Francesca Biagioli (University of Turin), Paola Cantù (Aix-Marseille University, CNRS), Paolo Maffezioli (University of Turin)



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