



LLC Workshop
Monday 27 - Wednesday 29 May 2024

PHILOSOPHY OF SCIENCE MEETS QUANTITATIVE STUDIES OF SCIENCE

Sala Lauree Terracini
Palazzo Nuovo, Via S. Ottavio 20, Torino

Monday 27

9:40-10:00 Eugenio Petrovich - Andrea Iacona, *Introduction and greetings*

Mapping science and scientific change

10:10-11:00 Yves Gingras (Université du Québec à Montréal) - *How to map the changing conceptual space of the sciences?*

11.40-12.30: Chaomei Chen (Drexel University) - *Visual Analytic Studies of Science*



14.30-15.00: Arno Simons (Technische Universität Berlin), Adrian Wüthrich (Technische Universität Berlin), Michael Zichert (Technische Universität Berlin) - *The "styles project" meets contextualized semantic shift detection*

Research evaluation and its effects

15.10-16.00 Paul Wouters (University of Leiden) - *Towards responsible next generation metrics*

16.40-17.30 Giovanni Abramo (Universitas Mercatorum) - *The CoARA initiative for reforming research assessment: Does it make sense?*

18.00-18.50: Mario Biagioli (UCLA) - *From truth to Impact: How metrics is changing the framework for the evaluation of science*

Tuesday 28

Studying science: philosophy of science and scientometrics in dialogue

10.00-10.50: Cassidy Sugimoto (Georgia Institute of Technology) - *Metasciences: threading the past and imagining an interwoven future*

11.30-12.20: Charles Pence (Université Catholique de Louvain) - *Studying Science and Studying Science: Metascience and the Philosophy of Science*



14.00-14.50: Andrea Scharnhorst (KNAW) - *Measuring a moving target - Innovation studies in practice*

14.50-15.40: Henry Small (SciTech Strategies, Inc.) *Qualitative Bayes: Procedure for applying Bayes' rule to theory confirmation using estimates of likelihoods and concepts from information theory*

16.20-17.10: K. Brad Wray (Aarhus University) - *The Key Journals in Philosophy of Science: An Update*

17.10-17.40: Lucas Gautheron (University of Wuppertal and École Normale Supérieure) - *A dialogue between philosophy of science and computational studies of science illuminates the crisis of fundamental physics*

Wednesday 29

Interdisciplinarity and isolation in scientific progress

10.00-10.50: Wolfgang Glänzel (KU Leuven) - *The scientometrics of interdisciplinarity. From concepts to measurement*

11.30-12.20: Pei-Shan Chi (KU Leuven) - *Duality Phenomena in Scholarly Communication: Exploring Isolation through Scientometric Analysis in the Field of Philosophy*

14.00-14.30: Stijn Conix (Université Catholique de Louvain) - *Understanding the societal relevance of humanities research through peer-review: a quantitative study*



Power and social capital in science and academia

14.40-15.30: Alesia Zuccala (University of Copenhagen) - *Social capital in academia: measuring individual researchers' collaboration preferences versus habits*

15.30-16.20: Alberto Baccini (Università di Siena) - *Who are the gatekeepers of economics? Geographic diversity, gender composition, and interlocking editorship of journal boards*

Funding and scientific progress

17.00-17.30: Matteo Michelini (Technical University of Eindhoven and Ruhr University Bochum), Javier Osorio (Universidad Autónoma de Madrid) - *Diversity in Evaluative Criteria Enhances Scientific Inquiry. An Epistemic Landscape Model*

17.30-18.00: Thomas Feliciani (Polytechnic University of Milan), Chiara Franzoni (Polytechnic University of Milan) - *Overcoming conservatism in funding decisions: the selection procedure as a promising area of intervention*

18.00-18.10: Closing of the workshop