

Explaining research misconduct: data, hypotheses, and methodological issues

Conference program

MSH Lorraine, 91 avenue de la libération, 54000 Nancy, France

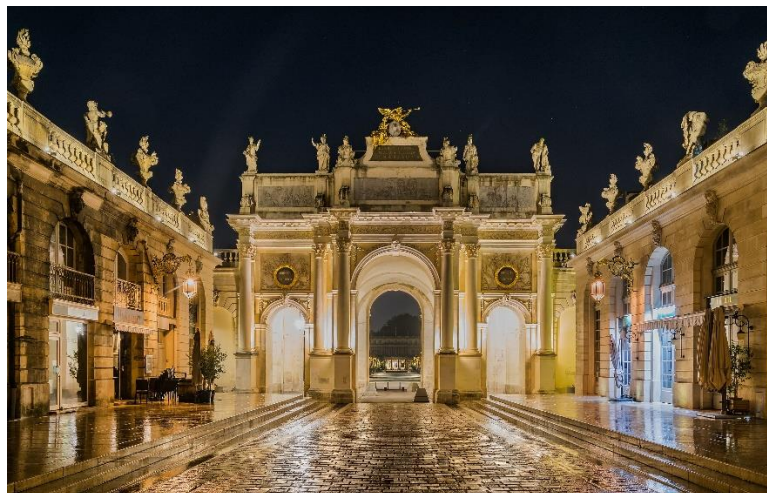
6-8 December 2023

The purpose of this interdisciplinary conference is to discuss analyses of research integrity violations across scientific fields. It is open to the different approaches from scholarly fields that analyze science, such as the philosophy, epistemology, sociology, psychology, or economics of science, and to all kinds of scientific methods, be they conceptual, empirical, qualitative, or formal.

The conference is organized within the framework of the CRISP research project, which is funded by the ANR (Agence Nationale de la Recherche, Projet-ANR-20-CE27-0016). We are also grateful to the Poincaré Archives and to the Knowledge, Language, Communications & Societies (CLCS) Science Cluster from Lorraine University for their financial support.

Scientific committee:

- Cyrille Imbert (CNRS, Lorraine University), main organizer
- Aurélien Allard (Sorbonne University), main organizer
- Anouk Barberousse (Sorbonne University)
- Olivier Leclerc (CNRS, Nanterre University)
- Jérôme Michalon (CNRS, ENS Lyon)
- Stéphanie Ruphy (ENS Paris)



Wednesday, 6th

8:30 Arrival, registration, coffee/tea

9:00 Keynote Speaker: Remco Heesen (London School of Economics)

Incentives and Research Misconduct

10:10 Coffee break

10:30 Institutional factors behind research misconduct

- Milutin Stojanovic (University of Helsinki)

Research narratives, external motivation, and well-ordered science

- Cyrille Imbert (CNRS) & David Waszek (ENS Paris)

Scientific Norms, Generality, and Research Integrity: The Case of Sample-size Conventions (Or, Are larger studies always better?)

- Aida Roige Mas (University of Barcelona)

A call for de-centralized decision-making in science: how “objectivity” requires distance, and distance leads to misconduct

12:30 Lunch break

14:00 Explaining fraud: case studies and sociological perspectives

- Yves Mirman, Jérôme Michalon & Thibaud Boncourt (Triangle, CNRS)

The gradual evolution of media coverage concerning two French cases of scientific misconduct (2015-2021). How did the “rotten system” become the main leftover explanation?

- Marianne Noel & Frédérique Bordignon (INRAE, Université Gustave Eiffel, CNRS)

How to apprehend the distinctive social and cultural contexts of research misconduct? The Hwang Woo-suk affair in retrospect.

15:20 Coffee break

15:50

- Raphaël Lévy (University Sorbonne Paris Nord)

Deficient institutional response as a cause of misconduct?

- Yj Erden (University of Twente)

Hyper-ambition and the replication crisis

17:10 End of day.

Thursday, 7th

9:00 Keynote Speaker: Marjan Bakker (Tilburg University)

Preregistrations in psychology as a means against QRPs

10:10 Coffee break

10:30 Reproducibility and replicability across scientific disciplines

- Alexandre Hocquet, Frédéric Wieber (Lorraine University) & Nephtali Callaerts (Namur University)

“Conducted Properly, Published Incorrectly”: The Evolving Status of Gel Electrophoresis Images Along Instrumental Transformations in Times of Reproducibility Crisis

- Johannes Lenhard, Simon Stephan & Hans Hasse (University of Kaiserslautern-Landau)

The Looming Reproducibility Problem in Computer-Based Sciences

- Aurélien Allard (ENS Paris)

Open data and reproducibility across scientific fields: comparing natural and social sciences

12:30 Lunch break

14:00 Cross-disciplinary perspectives on research integrity

- Nicolas Klausser (CNRS, CESDIP) & Olivier Leclerc (CNRS, CTAD)

From research misconduct to disciplinary sanction? An empirical examination of French higher education case law

- Yun-Ying Kuo & Karen Yan (National Yang Ming Chiao Tung University)

Data Integrity Through Validation Method Revelation in Real-World Evidence

- Thomas Niederkofler & Frank Hartmann (Radboud University)

Theory-hacking in Management Accounting Research using Survey Data

16:00 Coffee break

16:30 Keynote speaker: Philippe Mongeon (Dalhousie University)

Modelling the path to and from research misconduct

19:00 Conference dinner

Friday, 8th

9:00 Psychological, political, and theoretical factors behind research misconduct

- B.V.E. Hyde (Durham University)

Can Activists and Ideologues Conduct Objective Research?

- David Teira & Francesc Roig (Uned)

The ghost in the pharmaceutical research machine

- Noah Van Dongen, Jason Nak, Riet Van Bork & Denny Borsboom
(University of Amsterdam)

*Adding the phenomenon: an adjustment to our perspective on empirical
research*

11:00 Coffee break

11:20 Round table: future prospects on research integrity

12:50 End of conference