

# Philosophy of AI and Digital Infrastructures

Joint workshop of the Egenis Centre for the Study of the Life Sciences (University of Exeter)  
and the Ethics in IT (EIT) research group (University Hamburg)

Venue: Byrne House, Seminar Room (ground floor), University of Exeter, UK

## Program

Monday 6 November 2023

9:00-9:30: Welcome and opening – Sabina Leonelli and Stephan Güttinger

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### 9:30-11:00: Session 1: Data and AI in Biology

- *Sharing data, sharing technologies. Data-technology communities in the Haly.Id case*  
Emma Cavazzoni (University of Exeter)
- *Race and the Infrastructures of Human Genomics*  
Celso Neto (University of Exeter)
- *AI and Open Data in the age of Covid-19*  
Nathanael Sheehan (University of Exeter)
- *Notes on the Formative Power of Concepts: The Case of Digital Sovereignty and COVID-19*  
Gernot Rieder (University of Bergen)

11:00-11:30: Coffee break

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### 11:30-13:00: Session 2: Putting data science to work

- *Management and use of government administrative data: Challenges and opportunities.*  
Chris Playford and Federico Botta (University of Exeter)
- *Gender, mobility, and their representations: an example from the 2017 São Paulo O/D survey*  
Arthur Vandervoort (University of Exeter)
- *Navigating the Paradox: Open Data, AI, and the Delicate Balance of Openness*  
Katja Mayer (University of Vienna)
- *Humans and Machines - Challenges of Artificial Intelligence: A report by the German Ethics Council*.  
Prof. Judith Simon (University of Hamburg)

13:00-14:00: Lunch

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### 14:00-15:30: Session 3: AI and Automation

- *The automation of science*  
Stephan Guttinger (University of Exeter)
- *The Librarian of Babel is an AI*  
Chico Camargo (University of Exeter)
- *Democratic culture and the automation of information*  
Jason Branford (University of Hamburg)
- *AI and conceptual engineering: what should we talk about?*  
Eloïse Soulier (University of Hamburg)

15:30-16:00: Coffee break

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16:00-17:30: **Session 4: Ethics of AI**

- *How the philosophy of statistics can help to frame the ethical use of AI*  
Cassie Bird (University of Exeter)
- *Narratives of Inevitability and Spaces of Agency after OpenAI's ChatGPT-4 release*  
Laura Fichtner (Weizenbaum Institute, Berlin)
- *Virtual Battlefields: Political Conflict in Digital Spaces*  
Niclas Rautenberg (University of Hamburg)
- *Fairness issues in knowledge-driven AI systems*  
Angelie Kraft (University of Hamburg)

17:30- Drinks

**Tuesday 7 November 2023**

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9:30-10:30: **Session 5: AI Governance I**

- *Situating Equity in AI Governance*  
Robin Pierce (University of Exeter)
- *Research Ethics Case Study: Click Farms in Contentious Politics*  
Lieke Fröberg (University of Hamburg)
- *Against Sovereignty. Or why the liberal political imagination is unfit to regulate the challenges posed by Big Data and Artificial Intelligence in the age of Surveillance Capitalism*  
Ernesto Schwartz-Marin (University of Exeter)

10:30-10:45: Coffee Break

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10:45-11:30: **Session 6: AI Governance II**

- *After Harm: On the Challenge of Repairing Algorithmic Failures*  
Pak-Hang Wong (Zalando) and Gernot Rieder (University of Bergen)
- *Joining Forces: How Solidarity Manifests in Social and Political Movements against Injustices of AI*  
Catharina Rudschies (University of Hamburg)

11:30-12:30: **Final discussion and wrap-up**

12:30: Lunch and departure