Münchenwiler Seminar Spring 2024
Schloss Münchenwiler, Murten

Friday, April 19, 2024

13.30 Departure by bus from the University of Bern, Hochschulstrasse 4, to Schloss Münchenwiler

14.30–14.45 Introduction

14.45–15.30 What is Artificial Intelligence?
Professor Dr. Lena Kästner, philosophy, University of Bayreuth

15.30–16.15 Generative AI – a step towards Generic Artificial Intelligence?
Professor Dr. Siegfried Handschuh, Computer Science, University of St. Gallen

16.15–16.45 Coffee Break

16.45–17.30 Why Human Behaviour Matters for AI
Dr. Stuart Mills, Psychology and Behavioural Science, Leeds University; London School of Economics and Political Science

17.30–18.15 Interpretable AI in Medicine: Opening the Black Box for Patient Safety, Trustworthiness, and Improved AI
Professor Dr. Mauricio Reyes, ARTORG Center for Biomedical Engineering Research, University of Bern

18.15–19.00 Informal discussion with Apéro

19.00 Dinner

Saturday, April 20, 2024

8.00 Breakfast

9.00–9.45 Stereotypes and Bias in Machine Learning Models
Professor Dr. Mascha Kurpicz-Briki, School of Engineering and Computer Science, Bern University of Applied Sciences

9.45–10.30 Legal Aspects of ChatGPT
Professor Dr. Melinda F. Lohmann, Private and Information Law, University of St. Gallen, Director of the Institute for Law of Innovation and Technology

10.30–11.00 Coffee Break

11.00–11.45 Truly Human-Centered AI: From Artificial Intelligence to Augmented Intelligence
Professor Dr. Marcello Ienca, School of Medicine and Health, Technical University of Munich

11.45–12.30 «This talk is both speculative and trivial; needs proofreading»: Can AI Replace Human Experts in Journal Peer Review?
Professor Dr. Malte Elson, Psychology, University of Bern

12.30–13.00 Concluding discussion

13.00 Lunch

14.30 Departure
Collegium generale
The Collegium generale promotes the interdisciplinary dialogue and networking within the university through events and seminars for faculty members and students from all fields of study. Our events are aimed at audiences from all faculties and the general public.

Münchenwiler Seminar
Each spring the Collegium generale invites members of the University community to a seminar in the Münchenwiler castle. The seminar is an opportunity to engage in self-reflection and provides a platform for developing interdisciplinary and transdisciplinary skills in teaching and research.

AI and Science
AI is all the rage in science. AI is used to analyze data, to cast predictions, and even to make discoveries. Accordingly, commentators have suggested that AI leads to a revolution of science. Others have gone so far as to claim that we confront a new kind of science for which traditional models and theories don’t matter anymore. But is this so? Or is AI overhyped? For which purposes can AI be used, and where are its limitations? For instance, how can AI promote our understanding if it remains a black box? And what are the ethical and legal challenges to the use of AI in science? The Münchenwiler seminar invites researchers of the University at Bern to discuss the impact of AI on science.

Program committee
Prof. Dr. Daniel Aebersold
Institute of Radio-Oncology, Insel
Prof. Dr. Dr. Claus Beisbart
Institute of Philosophy
Prof. Dr. Paolo Favaro
Institute of Computer Science
Prof. Dr. Stavroula Mougiakakou
ARTORG Center for Biomedical Engineering Research
Sara Bloch
Collegium generale

Registration
The seminar is open to all members of the teaching and research staff including doctoral and post-doctoral researchers at the University of Bern.

Participation is free of charge.

Please register by the end of March:
www.collegiumgenerale.unibe.ch