

Law – Technology – Society

LunchTime Series

Prof. Dr. Claudia Müller-Birn | Freie Universität Berlin

Bringing the human to the center of algorithmic systems design

Challenges and opportunities

Freitag, 17. Mai 2019, 12:00 – 13:30

Guttenberghaus | Seminarraum SR 02, Erdgeschoß
Feistmantelstraße 4, 1180 Wien

Die Teilnahme ist kostenlos. Um Anmeldung bis Mitt-
woch, 15. Mai 2019 wird gebeten: law@boku.ac.at

Drawing from my many years of experience of the open peer production system Wikipedia, Claudia Müller-Birn introduces various means of quality assurance mechanisms that effectively combine human and algorithmic activities. By using one example of a machine learning-based, i.e., algorithmic, system, she will show possible sources of biases and explain how we can re-interpret these sources into points of participation, where humans are urgently needed to monitor, validate, configure the algorithmic systems. From these experiences, Müller-Birn infers the concept of human-machine collaboration and introduces first design parameters. Based on the provided insights, she outlines a possible integrative design approach for algorithmic systems.



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Claudia Müller-Birn is the head of the research group Human-Centered Computing (hcc.mi.fu-berlin.de) at the Institute of Computer Science at the Freie Universität Berlin. Before her appointment at FU Berlin, she undertook a post-doc at the Carnegie Mellon University, based on a Feodor Lynen Research Fellowship of the Alexander von Humboldt-Foundation. Her interdisciplinary research advances the fields of Computer-Supported Cooperative Work (CSCW) and Social Computing. She is especially interested in investigating human-machine collaboration in which the collective intelligence of humans intertwines with machine intelligence.