

Interdisciplinary Workshop

Modern Technologies and Self-Determination

10 October 2023

UiT – The Arctic University of Norway
Tromsø, Norway





- Date:** 10 October 2023
- Location:** Teorifagbygget hus 2: Rom 2.310, seminarrom
UiT – The Arctic University of Tromsø
Tromsø, Norway
- Organizers:** UiT The Arctic University of Norway
(Research Group on Crime Control and Security Law)
&
Max Planck Institute for the Study of Crime, Security and Law
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PROGRAMME

Tuesday, 10 October 2023

Workshop on “Modern Technologies and Self-Determination”

- 09.00** **Welcome**
Tore Henriksen (Dean, Faculty of Law, UiT)
- 09.15** **Introduction Project : New Technologies, Security Law and Crime Control**
Håvard Dagenborg / Nandor Knust / Christian Thönnnes

Keynote

- 09:30** **Challenges for Data Protection under Artificial Intelligence**
Ralf Poscher
- Discussion Moderator:** *Nandor Knust*

Session 1: Conceptual challenges

Discussion Moderator: *Artem Galushko*

- 10:30** **The Digital Body: The Specter of Harms**
Kristin Bergtora Sandvik
- 11:00** **Algorithmic security and autonomy**
Elisa Orrù
- 11:30** ***** Coffee break *****
- 12:00** **Predictive Policing and Mutual Recognition**
Christian Thönnnes
- 12:30** ***** Lunch and coffee *****



Session 2: Technological Innovations

Discussion Moderator: *Mathias Hauglid*

13:30 **Data Collection, Privacy, and Data Security**
Håvard Dagenborg

14:00 **Enforcing GDPR Using Data Traceability**
Elisavet Kozyri

14:30 ***** Coffee break *****

Session 3: New Opportunities & Challenges

Discussion Moderator: *Christian Thönnnes*

15:00 **ECO-CRIM-NET: Investigation and Prosecution of crimes against eco-systems**
Nandor Knust

15:30 **New digital evidence and ‘grass-roots’ OSINT**
Artem Galushko

16:00 **Modern technologies and future fisheries control**
Guri Hjallen Eriksen

16:30 **AI, Bias and Health Care**
Mathias Hauglid

17:00 **Final Discussion / Ways forward**
Håvard Dagenborg / Nandor Knust / Christian Thönnnes



Workshop on “Modern Technologies and Self-Determination”

The emergence of Artificial Intelligence and other modern technologies changes the way we interact with the world. Big data promises to radically expand our cognitive reach, allowing us to collect and process data and thus to generate knowledge on a scale we have never done before. This creates, according to a commonly held belief, an abundance of opportunities for furthering human agency such as more efficient policing, better protection of the environment, or a more targeted delivery of state services. It also, however, challenges a set of commonly held values of our legal orders. As we introduce automation into them, some of the values we hold dear may forever be transformed or even eroded.

This is why, in our workshop, by embarking on an interdisciplinary research endeavor, we want to assess how our legal societies can reap the benefits of modern technologies while still maintaining human self-determination. We do so by exploring challenges for legal concepts which are typically regarded as emanations of human self-determination, such as data protection, the transparency and explainability of legal decisions or the connectedness of legal processes to human communication.

This exploration is clustered into three thematic sessions the diversity of which reflects both the fundamental ambivalence and discipline-transcending impact of technological progress. In a first session, scholars from the legal and philosophical disciplines will analyze how such technological innovations could pose a challenge for human self-determination. In a second session, computer scientists will presenting some of the technological innovations which could transform our field. The third session forms the synthesis of the first two. In it, we will discuss specific projects which aim at reaping AI's promise while at the same time reigning in its peril.