



Prof. Dr. Lee A. Bygrave, University of Oslo

# Cognitive Sovereignty and Machine Learning

Challenges for Society and the Law

per Zoom

9. December 2021

4:30 – 5:30 pm

Human behaviour is increasingly governed by automated decisional systems based on machine learning (ML). This throws up a congeries of new challenges, particularly with respect to people's ability to understand the logic and implications of ML-enhanced algorithmic systems. This understanding is essential as such systems may have a significant impact on individuals and social development. Yet our philosophical and legal frameworks for conceptualizing and supporting the need for this understanding are underdeveloped.

Lee A. Bygrave is professor at the Department of Private Law, University of Oslo, where he leads the Norwegian Research Center for Computers and Law (NRCCL). In this talk, he considers whether the notion of cognitive sovereignty may provide a useful supplement to discourse on the challenges raised by algorithmic systems, places the notion in the context of existing regulation, and points to a need for further research and action.

The talk will be followed by an open discussion moderated by and kicked-off with comments of **Prof. Dr. Rolf H. Weber**, Professor of Private, Commercial and European Law, University of Zurich, and **Prof. Dr. Florent Thouvenin**, Professor of Information and Communications Law, University of Zurich.

**The event will be held in English and will be conducted virtually. We kindly ask you to register for this event via email to [info@itsl.uzh.ch](mailto:info@itsl.uzh.ch) by 8 December 2021.**