



University of Natural Resources  
and Life Sciences, Vienna  
Institute of Law

SFU Fakultät für  
Rechtswissenschaften

# Law – Technology – Society

## LunchTime Series

Prof. Dr. R.E. Leenes (Director TILT) | Tilburg University, the Netherlands

## Regulatory challenges of robotics for Law, Innovation, and Technology

Donnerstag, 16. November, 12:00 – 13:30

Gutenberg Haus | Seminarraum SR 02, EG  
Feistmantelstraße 4, 1180 Wien  
Universität für Bodenkultur

Die Teilnahme ist kostenlos. Um Anmeldung bis zum  
10. November 2017 wird gebeten: [law@boku.ac.at](mailto:law@boku.ac.at)

*Ronald Leenes is full professor in regulation by technology at the Tilburg Institute for Law, Technology, and Society (TILT), Tilburg University, the Netherlands and director of the same institute. His primary research interests are techno-regulation, conceptual issues with respect to privacy, data protection in practice, data analytics, robotics and human enhancement. Currently his work focuses on accountability and transparency in Big Data and the Cloud and on regulatory failure in technology regulation. He was responsible for TILT's research in several EU projects, such as PRIME, PRIMELIFE, ENDORSE, Robolaw and A4Cloud and has contributed extensively to NoE FIDIS. He was PI.lab Scientific Director in 2011-2012.*



Robots are slowly, but certainly, entering people's professional and private lives. They require the attention of regulators due to the challenges they present to existing legal frameworks and the new legal and ethical questions they raise. This lecture discusses four major regulatory dilemmas in the field of robotics: how to keep up with technological advances; how to strike a balance between stimulating innovation and the protection of fundamental rights and values; whether to affirm prevalent social norms or nudge social norms in a different direction; and, how to balance effectiveness versus legitimacy in techno-regulation. The four dilemmas are each treated in the context of a particular modality of regulation: law, market, social norms, and technology as a regulatory tool; and for each, we focus on particular topics – such as liability, privacy, and autonomy – that often feature as the major issues requiring regulatory attention. The lecture then highlights the role and potential of the European framework of rights and values, responsible research and innovation, smart regulation and soft law as means of dealing with the dilemmas.

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