



AI and Health Robotics

VIROS Symposium

Venue: Professorboligen, Law Faculty
University of Oslo

22nd September 2023

This symposium explores cutting-edge regulatory challenges arising from the deployment of ‘smart’ robotics in the health sector. The symposium is held under the aegis of the research project ‘[Vulnerability in the Robot Society](#)’ (VIROS). The project is run by the [Norwegian Research Center for Computers and Law](#) (NRCCL) in collaboration with the [Robots and Intelligent Systems \(ROBIN\)](#) group at the Department of Informatics, University of Oslo. It is funded by the Research Council of Norway.

Registration

Registration by: 13th September at 15:00; register at [_](#).

Attendance is gratis but requires binding registration due to limited space.

Programme		
09:00 - 09:30	Registration and coffee/tea	
Session I: Vulnerability and Cognitive Sovereignty [Chair: Lee A. Bygrave, University of Oslo]		
09:30 - 09:40	Opening Address: Introduction to the VIROS project	Lee A. Bygrave, University of Oslo
09:45 - 10:15	Vulnerability in Social and Health Robotics	Rachele Carli, University of Bologna
10:15 - 10:20	Comment	Diana Saplacan, University of Oslo
10:25 - 10:40	Discussion	
10:40 - 11:05	Coffee/tea break	
11:10 - 11:40	Medical AI and Patients’ Right to Information in Medical Decision Making	Live Sunniva Hjort, University of Oslo
11:45 - 11:50	Comment	Vera Raposo, Nova University
11:50 - 12:05	Discussion	
12:10 - 13:00	Lunch	
Session II: Regulatory Regimes [Chair: Naomi Lintvedt, University of Oslo]		
13:00 - 13:30	Regulation of Smart Healthcare Robotics in EU: From RoboLaw to Medical Deontology	Sofia Palmieri, Ghent University
13:30 - 13:35	Comment	Rebecca Schmidt, Oslo Metropolitan University
13:40 - 14:00	Discussion	

14:00 - 14:20	Doctor Chatbot: The EU's Regulatory Prescription for Generative Medical AI	Tobias Mahler, University of Oslo (in collaboration with Mathias Hauglid, University of Tromsø)
14:25 - 14:35	Discussion	
14:35 - 15:00	Refreshments	

Session III: AI in Practice [Chair: Jim Tørresen, University of Oslo]		
15:00 - 15:30	AI in Healthcare: Empowering Modern Medicine with Superpowers?	Ishita Barua, Oslo University Hospital
15:30 - 15:45	Discussion	
15:45 - 16:10	The Importance of Reward Functions in Machine Learning Algorithms and Why These Should be Regulated	Arnoldo Frigessi, University of Oslo (in collaboration with Anna Smajdor and Manuela Zucknick, University of Oslo)
16:10 - 16:25	Discussion	
16:25 - 18:00	Close of symposium; mingling and snacks	
End of symposium. Safe travels!		