Seminar: Artificial Intelligence, the Wizard's Apprentice? Regulating AI

Date, Time and Venue: 9th March 2022, 13–15 Finnish Time, Online (via Microsoft Teams)

Description: Artificial Intelligence has a vast influence on our society and is therefore described as a pervasive and disruptive technology comparable with the application of electricity or the combustion engine. But it is more, AI can take decisions autonomously, can change facts into fakes and therefore change human behavior. Can we deal with those changes? And can we regulate the applications of AI in our world? The EU Commission thinks it can be done. That will be the subject of this seminar.

Draft EU AI regulation: https://eur-lex.europa.eu/legal-content/EN/TXT/HTML/?uri=CELEX:52021PC0206&from=EN

Students can gain 1 ECTS (under the general optional studies, Code ONVAL9999 or OTMVAL9999) by attending the entire seminar and submitting a learning diary. The learning diary should summarize one key issue learned during the seminar. It should be around 4–5 pages (Times New Roman, 12) in length. It shall we sent to rosa.ballardini@ulapland.fi by 16th March 2022.

Link (to Microsoft Teams): https://teams.microsoft.com/l/meetup-join/19%3ameeting_OTE0YWU5NGEtY2MxYi00YThmLTk0M2QtZWRhMDkxY2VkNWVi%40thread.v2/0?context=%7b%22Tid%22%3a%224c60a66f-0a8d-446e-9ac0-836a00d84542%22%2c%22Oid%22%3a%2234bdf43e-8a68-4e81-90e4-5e5a773c007d%22%7d

Programme:

13.00 – 13.10 Opening words / Prof. Rob van den Hoven van Genderen (University of Lapland)
Chair: Prof. Rosa Maria Ballardini (University of Lapland)

13.10 – 13.30 *Robojournalism* **– A Copyright Study on the Use of Artificial Intelligence in the European News Industry** / Prof. Péter Mezei (University of Szeged)

Abstract: This presentation addresses, first, the protectability of the outputs of robojournalism under the existing European Union copyright laws. Second, it introduces the findings related to the practical significance of robojournalism in the European news industry. Here, our focus is on the business, media and communications studies perspectives of automated journalism. Our results demonstrate that the extent to which European journalism relies on assistive and generative technologies to produce written output does not justify, from a copyright perspective, the changing of the current anthropocentric copyright system. These findings have wider implications as AI-generated outputs have prompted many to talk about market failure in case copyright (or related rights) protection is refused for such works.

13.30 – 14.00 Hybrid AI for Legal Domain / Prof. Monica Palmirani (University of Bologna)

Abstract: After the hype of the non-symbolic AI applied in Legal Domain, we are assisting to the integration of it with the symbolic AI results coming from the last 30 years of research in the community. This approach called Hybrid AI intends to mitigate some weaknesses of the non-symbolic AI, like Deep Learning, using other techniques like Semantic Web, rule-based legal reasoning, LegalXML knowledge modelling. The Hybrid AI is also useful for improving the transparency of the AI and to implementing the right of explicability. The talk wants to spotlight the pros and cons of the AI applied in the law domain and to delineate possible solutions of the critical issues using Hybrid AI.

14.00 – 14.30 Regulating AI, is it possible? / Prof. Rob van den Hoven van Genderen (University of Lapland)

Abstract: Artificial Intelligence is all over our society although most of us are not conscious of that. AI is present in search engines, virtual assistance, vacuum cleaners, medical appliances, semi-autonomous vehicles but also in the stock exchange, defence weapons etc., hardly any technology functions without it. Most of the applications of AI function with weak AI, directed to a few functions. But AI is developing in stronger AI, more functions and more autonomous tasks. The EU produced a draft Regulation to handle the applications on basis of risk assessment. Would this be a viable solution to regulate AI in our society? We will discuss the possibilities and impossibilities of regulation AI.

Open discussion / led by Doctoral Candidate Artha Dermawan (University of Lapland)

Closing