

Seminar:

Regulation of AI in the medical sector

Date, Time and Venue: **26th January 2021, 1 PM – 4 PM Finnish time, via Microsoft Teams.**

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Description: The ‘Regulation of AI in the medical sector’ seminar will discuss key legal and ethical issues that have arisen as a result of the adoption of AI in the health and medical services sector. The seminar will address the features and characteristics of AI, how it is being deployed in the provision of medical services and how it affects the rights and freedoms of various participants in the medical sector. The seminar seeks to draw more attention to the effects of the use of AI in the medical sector with the objective of achieving its lawful deployment.

Students can gain 1 ECTS (under the general optional studies, ONVAL9999 or OTMVAL9999) by attending the entire seminar and writing a 4–5 pages learning diary on some of the key lessons learned. The learning diary should be sent to Rosa.Ballardini@ulapland.fi not later than 2nd February 2020 at 4 PM.

Students could read these articles:

Ulrich M Gassner, Ulrich Juknat, Regulatory Approaches to AI in Medical Practice. European Pharmaceutical Law Review, Volume 3 (2019), Issue 4, p. 176–183.

Salami, Emmanuel, Artificial Intelligence (AI), Big Data and The Protection of Personal Data in Medical Practice. European Pharmaceutical Law Review, Volume 3 (2019), Issue 4, p. 165–175.

Available at SSRN: <https://ssrn.com/abstract=3600752>

Mittelstadt, Brent, Principles Alone Cannot Guarantee Ethical AI (May 20, 2019). Nature Machine Intelligence, November 2019.

Available at SSRN: <http://dx.doi.org/10.2139/ssrn.3391293>

Rothstein, Mark A., The Hippocratic Bargain and Health Information Technology (April 9, 2010). Journal of Law, Medicine and Ethics, Vol. 38, No. 1, 2010.

Available at SSRN: <https://ssrn.com/abstract=1589671>

Programme

1.00 PM – 1.10 PM Opening words

Associate Professor Rosa Maria Ballardini / University of Lapland

1.10 PM – 1.30 PM Artificial intelligence in personalized medicine – implications for priority setting and the right to health

Doctoral Candidate Kaisa- Maria Kimmel / University of Lapland

1.30 PM – 1.40 PM Commentary and questions

1.40 PM – 2.00 PM Ehealth as a result of AI, a “Pandora box” for privacy?

Prof. Rob van den Hoven van Genderen / University of Lapland

2.00 PM – 2.10 PM Commentary and questions

2.10 PM – 2.30 PM The impact of low human intervention and other special features of AI in the applicability of current legislation to AI based medical devices

Doctoral Candidate Amanda Näsi / University of Lapland

2.30 PM – 2.40 PM Commentary and questions

2.40 PM – 3.00 PM AI, big data and the protection of personal data in medical practice

Doctoral Candidate Emmanuel Salami / University of Lapland

3.00 PM – 3.30 PM Commentary, general questions and remarks

Associate Professor Rosa Maria Ballardini / University of Lapland

3.30 PM – 3.40 PM Closing remarks

Associate Professor Rosa Maria Ballardini / University of Lapland