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Digitalization and Data Governance in AI-Driven Healthcare: Between Innovation Incentives, Risk Regulation and Fundamental Rights Protection

Abstract. Artificial intelligence is increasingly transforming healthcare, ranging from clinical decision-support systems and AI-assisted diagnostics to personalised medicine and the secondary use of health data for research and innovation. At the same time, the growing reliance on data-driven technologies raises fundamental legal and ethical questions concerning data governance, accountability, transparency, patient autonomy and the protection of fundamental rights. The presentation explores the evolving European regulatory framework for AI-driven healthcare, including the interplay between data protection law, health law and AI regulation under the EU AI Act. Particular attention will be paid to the challenges of balancing innovation incentives and technological progress with the need to ensure patient safety, trustworthy AI and effective protection of individual rights, including ongoing debates on the assessment, governance, transparency and regulation of risks associated with AI-enabled healthcare. Against the background of the ongoing digital transformation of healthcare, the presentation will discuss how legal and regulatory frameworks can contribute to responsible innovation and sustainable governance of AI-enabled health technologies in Europe.

Speaker Bio. Prof. Dr. Claudia Seitz is Professor of Public Law, European Law, International Law and Life Sciences Law and Head of the Institute of European and International Law (IEIL) at the Faculty of Law of the Private University in the Principality of Liechtenstein (UFL). She also holds academic appointments as Visiting Professor at Ghent University (Belgium) and as Senior Lecturer at the Universities of Basel (Switzerland) and Bonn (Germany).

Her research focuses on European Union and international law, health law, digital health regulation and the legal governance of emerging technologies, in particular artificial intelligence. She holds i.a. an Executive Master in Law and AI from the

Brussels School of Competition Law. Prof. Seitz has been affiliated with several international research initiatives in the fields of biotechnology and life sciences law.

She is co-editor of the European Health and Pharmaceutical Law Review (EHPL) and the Europäische Zeitschrift für Wirtschaftsrecht (EuZW). In addition, she serves as advisor to international organisations, including the World Health Organization (WHO), the World Intellectual Property Organization (WIPO) and the EU AI Office of the European Commission.

Place & Time.

Schloss Reisensburg, Roter Saal
Thursday, July 16, 2026
9:00 – 10:00