AI and Digital Healthcare
24 January 2023 | 17:00 – 20:00 CET
In-person and virtual event

16:30 – 17:00 **Event Registration**

In-person: Registration at the desk on the 1st floor of the Representation of the State of Hessen to the EU, Rue Montoyer 21, 1000 Bruxelles, Belgium
Virtual: Registration link (event link sent via email upon registration)
https://us02web.zoom.us/j/83515017802?pwd=eVNna1dCMTVMMWE5ZmtNaWpDeU5JUT09

17:00 – 17:15 **Welcome Session**

Joël Girard, Prof. Dr. Dr. med. Kai Zacharowski

17:15 – 17:35 **Panel Session Part 1: Artificial Intelligence to Improve Patient Safety and Combat Future Health Threats**

Prof. Dr. Dr. med. Kai Zacharowski
Director of the Department of Anaesthesiology, Intensive Care Medicine, and Pain Therapy at the University Hospital Frankfurt
EU funded project: ENVISION - Intelligent plug-and-play digital tool for real-time surveillance of COVID-19 patients and smart decision-making in intensive care units.
https://www.envision-icu.eu

Dagmar Lüttel
Scientific Associate at Aktionsbündnis Patientensicherheit e.V. (APS)
The Active Alliance for Patient Safety offers guidance for healthcare staff on digital health and patient information on COVID-19 among other activities related to patient safety.
https://www.aps-ev.de/

17:35 – 18:00 **Discussion** *(moderated by Kai Zacharowski)*

Artificial intelligence has the potential to revolutionise healthcare, but realising its full potential requires collaboration and engagement from a wide range of stakeholders. With clinicians, scientists, representatives of patient safety organisations and policymakers, we will discuss the promising opportunities and challenges of developing and implementing AI tools in the EU.

BREAK

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101015930.

18:30 – 19:00 **Panel Session Part 2: Data standardisation and digital healthcare**

Dr. Oliver Old
Data Scientist and Statistician; consulting, evaluation, and model building within the AI/ML and statistics part of ENVISION, University Clinics Frankfurt
Digital Healthcare in the light of the FAIR principle

Theresa Barry
Clinical Terminology Architecture Lead at eHealth Ireland and Chair of Member Forum for SNOMED International
SNOMED CT supports the development of comprehensive high-quality clinical content in electronic health records. It provides a standardized way to represent clinical phrases captured by the clinician and enables automatic interpretation of these.
https://www.snomed.org/

Dr. Samira Maghool
Assistant Professor (RTD-A) at Università degli Studi di Milano
EU funded project: SMART BEAR - Smart big data platform to offer evidence-based personalised support for healthy and independent living at home.
https://www.smart-bear.eu/

19:00-19:45 **Discussion** *(moderated by Markus Ketomäki, University Clinics Frankfurt)*

Data is a critical component of future progress in AI technologies. Large amounts of high-quality data are needed to train and validate AI models. Data collection, sharing and standardisation are critical to harnessing the full benefits of AI in healthcare. With our experts, we will discuss the requirements and challenges of data collection and processing in the EU and the patient's perspective on the use of personal data for research and development.

19:45 – 20:00 **Closing Session**
Prof. Dr. Dr. med. Kai Zacharowski

20:00 – 22:00 **Joint Networking Dinner**

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