

**Lunchtime and lunch breakouts (separate rooms available):**

Tuesday and Thursday: Potential for Discipline groups, IDG, other specific groups to meet in separate rooms if needed

Wednesday: Executive committee lunch

Thursday: a) Deans of nurses lunch; b) Deans of medicine lunch; c) Discipline groups, IDG, other groups can merge meeting with lunch time

**Outline Plenary Lectures****PLENARY 1 - Data driven teaching & learning in healthcare**

*The role of data in education is increasing. In this session we explore the concept of data-driven teaching and learning and provide current example in Amsterdam UMC and from international partners*

**PLENARY 2- Artificial intelligence: revolutionizing healthcare with large language models- Lecture and hands-on workshop**

*Large language models (LLMs) have recently shown impressive performance on many applications in healthcare, including helping clinicians follow clinical guidelines when treating patients. All these applications require an LLM to be able to conjugate in-depth clinical knowledge with reasoning capabilities that are far from trivial. In today's talk, we will discuss Retrieval Augmented Generation (RAG), which consist of a set of techniques aiming at providing LLMs access to relevant documents (e.g., clinical guidelines) so that LLMs can ground their generation on the knowledge present in these documents*

**PLENARY 3 - System dynamics of the commercial determinants of health - Inspirational lecture and workshops**

*Public health problems like obesity and mental health are increasingly recognized as outcomes of a complex systems, rather than simple problems that require a silver bullit solutions. Complexity science provides systematic methods for mapping a system's parts and relationships, allowing for the creation of quantitative models to simulate its behavior and potential interventions. Professor Karien Stronks will discuss the importance of applying a complex systems perspective in public health, followed by a workshop led by Luc Hagenaars and Wilma Waterlander on system dynamics modelling, using case studies of community-based food systems and obesity politics as illustrations*

**PLENARY 4 -Responsible and Applied AI - Inspirational lecture and workshop**

*Lecture and workshop about Explainable AI, Applied AI for health professionals, Applied AI as part of the curricula and the ELSA Lab with Ethical, Legal and Societal Aspects of AI*

**PLENARY 5 - Common pitfalls in data-driven education: bridging the gap between theory and practice for data-driven educational innovations**

*Will follow soon*

**PLENARY 6 - Data driven (virtual) dental training and care -Lecture and workshop**

*This session offers an immersive journey into the world of dental education at the Dental Faculty (ACTA), providing participants with insights into contemporary training approaches utilizing virtual and augmented reality dental simulators. Additionally, the session includes interactive hands-on training sessions with these simulators, allowing participants to step into the role of a (virtual) dentist themselves! Please note that the number of available spots is limited*

**PLENARY 7 - Medical School curricula in the digital age**

*There is a need to reexamine medical school curricula in light of the increasing digitalization of healthcare. How skills in using digital technologies can be taught to medical students is explained by using Amsterdam-UMC as a case study*