



## Wednesday - November 15th 2023

13:30 - 13:45 (GMT +0100)	Introduction	
13:45 - 14:00 (GMT +0100)	Lecture + Hands-on session: Refreshing on the basics of AI: basic concepts such as accuracy, stability, AUC, False-positive, false-negative ...	Mohammad H. Rezazade Mehrizi
14:00 - 14:30 (GMT +0100)	Lecture + Hands-on session: Introducing the range and diversity of the AI applications (Technography study)	Prof. Erik Ranschaert
14:45 - 15:00 (GMT +0100)	Break	
15:00 - 16:00 (GMT +0100)	Lecture + Hands-on session: Showcasing some ways of implementing and working with AI	Mohammad H. Rezazade Mehrizi
16:00 - 17:30 (GMT +0100)	Lecture + Hands-on session: How to initiate working with AI: from the first day that it is coming to our desk, what do we need to do and how to work with it and what decisions are involved?	Prof. Erik Ranschaert

## Thursday - November 16th 2023

13:30 - 14:15 (GMT +0100)	Lecture + Hands-on session: Experiencing how to work with different AI applications, on various clinical use-cases and under different working scenarios	Mohammad H. Rezazade Mehrizi
14:15 - 15:00 (GMT +0100)	Lecture + Hands-on session: AI tools related to different subspecialties (e.g., general radiology, skeletal, and prostate, ...)	Prof. Erik Ranschaert
15:00 - 15:15 (GMT +0100)	Break	
15:15 - 16:00 (GMT +0100)	Lecture + Hands-on session: AI tools with different functionalities and features (e.g., diagnosing, screening, segmenting, measurement)	Prof. Erik Ranschaert
16:00 - 16:45 (GMT +0100)	Lecture + Hands-on session: Different types of medical use cases (e.g., simple/complex)	Mohammad H. Rezazade Mehrizi
16:45 - 17:30 (GMT +0100)	Lecture + Hands-on session: Under different working conditions (e.g., time-pressure, 1st vs. 2nd reader, individual vs. collective)	Prof. Erik Ranschaert

## Friday - November 17th 2023

13:30 - 15:00 (GMT +0100)	<p>Lecture + Hands-on session: Critical assessment of AI outcomes: issues, failures, suspicious cases</p> <ul style="list-style-type: none"><li>- Critical assessment of AI features/parameters/settings/configurations</li><li>- How to select your partner and shape it</li><li>- How to monitor your partner in the long-run (data shift ...)</li></ul>	Mohammad H. Rezazade Mehrizi
15:00 - 15:15 (GMT +0100)	Break	
15:15 - 16:15 (GMT +0100)	<p>Lecture + Hands-on session: How to report and communicate the results of AI?</p> <ul style="list-style-type: none"><li>- Using AI in interactions with other medical colleagues and interdisciplinary discussions</li><li>- Interpretation and explanations to the patients</li></ul>	Prof. Erik Ranschaert
16:15 - 17:15 (GMT +0100)	<p>Lecture + Hands-on session: Organizational and workflow impacts and how to prepare them</p> <ul style="list-style-type: none"><li>- What infrastructure do you need?</li><li>- Whom do you need to involve?</li><li>- How to bring people on board?</li><li>- Ethical and Legal considerations (data sharing , ...)?</li><li>- What training do you need to have?</li></ul>	Mohammad H. Rezazade Mehrizi Prof. Erik Ranschaert
17:15 - 17:30 (GMT +0100)	Q&A and closing	