



Wednesday - November 16th 2022

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| 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 17th 2022

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| 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 | Mohammad H. Rezazade Mehrizi |
| 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 18th 2022

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| 13:30 - 15:00 (GMT +0100) | Lecture + Hands-on session: Critical assessment of AI outcomes: issues, failures, suspicious cases - Critical assessment of AI features/parameters/settings/configurations - How to select your partner and shape it - How to monitor your partner in the long-run (data shift ...) | Mohammad H. Rezazade Mehrizi |
| 15:00 - 15:15 (GMT +0100) | Break | |
| 15:15 - 16:15 (GMT +0100) | Lecture + Hands-on session: How to report and communicate the results of AI? - Using AI in interactions with other medical colleagues and interdisciplinary discussions - Interpretation and explanations to the patients | Prof. Erik Ranschaert |
| 16:15 - 17:15 (GMT +0100) | Lecture + Hands-on session: Organizational and workflow impacts and how to prepare them - What infrastructure do you need? - Whom do you need to involve? - How to bring people on board? - Ethical and Legal considerations (data sharing , ...)? - What training do you need to have? | Mohammad H. Rezazade Mehrizi Prof. Erik Ranschaert |
| 17:15 - 17:30 (GMT +0100) | Q&A and closing | |