



Maastricht, The Netherlands

9-12 December 2018

SUNDAY 9 DECEMBER – QIB AND RADIOMICS

- 09:00-09:10 - Welcome: Motivation, course overview - Philippe Lambin
- 09:10-09:55 - Radiomics – the requirements from an imager’s perspective - Joachim Wildberger
- 09:55-10:40 - Radiomics: The basics - Joe Deasy
- 10:40-11:00 - *Coffee and networking*
- 11:00-11:45 - Radiomics: the Image Biomarker Standardisation Initiative (IBSI) - Martin Vallières
- 11:45-12:30 - Pre-post processing and associated pitfalls in radiomics analysis - Mathieu Hatt
- 12:30-13:30 - *Lunch*
- 13:30-16:30 - Meet Faculty & Assignments: Radiomics Analysis - Henry Woodruff
- 16:30-17:10 - Presentation of the results and discussion - Henry Woodruff

MONDAY 10 DECEMBER – DEEP LEARNING

- 09:00-09:45 - The history of Deep Learning - Martin Vallières
- 09:45-10:30 - Deep Learning: the basics - Joe Deasy
- 10:30-10:50 - *Coffee & Networking*
- 10:50-11:35 - Towards large-scale and systematic quantitative imaging in oncology - Olivier Morin
- 11:35-12:20 - Company pitches
- 12:20-13:20 - *Lunch*
- 13:20-16:20 - Meet Faculty & Assignments: Deep Learning Analysis - Arthur Jochems
- 16:20-17:00 - Presentation of the results and discussion - Arthur Jochems

EVENING - SOCIAL DINNER IN THE CITY CENTER

TUESDAY 11 DECEMBER – DISTRIBUTED LEARNING

- 09:00-09:45 - Open source repository - Olivier Gevaert
- 09:45-10:30 - Finding Appropriate Privacy Governance - David Townend
- 10:30-10:50 - *Coffee & Networking*
- 10:50-11:35 - Distributed learning - Sean Walsh
- 11:35-12:20 - The FAIR concept - Michel Dumontier
- 12:20-13:20 - *Lunch*
- 13:20-16:20 - Data Matching & Assignments: Distributed Learning Analysis - Samir Barakat
- 16:20-17:00 - Presentation of the results and discussion - Samir Barakat

WEDNESDAY 12 DECEMBER – HOLISTIC VIEW AND FUTURE PROSPECTS

- 09:00-09:45 - Starting a community - Wiro Niessen
- 09:45-10:30 - Grand-Challenge/Moonshot - Joe Deasy, Olivier Gevaert & Philippe Lambin
- 10:30-10:45 - *Coffee & Networking*
- 10:45-11:30 - Potential clinical trial - Philippe Lambin
- 11:30-12:00 - Kahoot! Competition
- 12:00-12:15 - Farewell - Philippe Lambin