Texture analysis (Imaging Biomarkers) Track
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Saturday, September 12, 2020

Session I - Introduction
13:30 - 13:50  Introduction: Discussion on current experience & learning needs of attendees
13:50 - 14:20  Image quantification principles: refresher
14:20 - 14:50  Imaging biomarkers: historical perspectives and basic concept
14:50 - 15:20  Imaging biomarkers: which clinical application?
15:20 - 15:30  Discussion

Session II - Study design
15:30 - 16:00  Study design I: objectives, sample size
16:00 - 16:30  Study design II: modelling issues (training, validation, missing data, etc)
16:30 - 16:50  Interactive case example I
16:50 - 17:20  Interactive case example II
17:20 - 17:40  Interactive case example III

17:40  End of Day 2

Sunday, September 13, 2020

Session III - Image formation / segmentation
08:00 - 8:30  Image reconstruction and associated corrections
08:30 - 9:00  Image segmentation and volume of interest determination: methodology discussion
09:00 - 9:20  Interactive case reading
09:20 - 9:40  Coffee Break

Session IV - Imaging features
09:40 - 10:20  Features computation techniques
10:20 - 10:50  Features selection and interpretation, data harmonization
10:50 - 11:50  Hands-on sessions - PC Room
11:50 - 12:50  Lunch Break

Session V - Analysis and Modelling issues
12:50 - 13:20  Statistical analysis: which models for which data?
13:50 - 14:10  Interactive Case reading I
14:10 - 15:00  Interactive Case reading II

Session VI - Interpretation and future directions
15:00 - 15:30  Interpretation and reporting radiomics studies
15:30 - 16:00  Radiomics analysis in the artificial intelligence era and multiparametric (including -omics) information modeling
16:00 - 16:20  Interactive Case reading I
16:20 - 16:40  Interactive Case reading II
16:40 - 17:00  Wrap up of the day

17:00  End of Day 3 - End of School