

**Online Course: Advanced Features of Quantification:
Introduction to advanced quantitative Imaging**



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Thursday, July 1, 2021

Session I - Introduction

13:30 - 13:45	Introduction of the Speaker and the Participants
13:45 - 14:00	Evaluation Quiz
14:00 - 14:40	Lecture 1: General principles of quantitative Nuclear Medicine (SN)
14:40 - 14:50	Discussion
14:50 - 15:30	Lecture 2: Image reconstruction basics (BH)
15:30 - 15:40	Discussion
15:40 - 16:00	Coffee Break

Day 1

Session II

16:00 - 16:40	Lecture 3 : Image segmentation techniques (DV)
16:40 - 17:00	Discussion
17:00:00	End of Day 1

Friday, July 2, 2021

Session III

13:30 - 14:10	Lecture 4 : Image registration techniques (BH)
14:10 - 14:20	Discussion
14:20-15:00	Lecture 5: Numerical simulations for quantitative imaging (DV)
15:00-15:10	Discussion
15:10 - 15:30	Coffee Break

Day 2

Session IV

15:30-16:10	Lecture 6: Quantitative PET imaging: therapy planning / response to therapy (SN)
16:10-16:20	Discussion
16:20 - 16:40	Evaluation/Test of Gained Knowledge
16:40 - 17:00	Debriefing of the Course/Discussion on Last Open Questions
17:00:00	End of Day 2