

3rd RAPTOR Workshop

Report of Contributions

Contribution ID: 0

Type: **not specified**

Introduction and welcome

Monday 8 July 2019 09:00 (30 minutes)

Presenter: Prof. PARODI, Katia (LMU)

Session Classification: Introduction

Contribution ID: 1

Type: **not specified**

ITN Background presentation

Monday 8 July 2019 09:30 (30 minutes)

Presenter: VEENSTRA-KORF, Hilda (UMCG)

Session Classification: Introduction

Contribution ID: 2

Type: **not specified**

Summary of ITN topics

Contribution ID: 3

Type: **not specified**

Next steps

Contribution ID: 4

Type: **not specified**

Data analysis

Presenter: STUDEN, Andrej (IJS)

Contribution ID: 5

Type: **not specified**

SPR based on MRI

Contribution ID: 6

Type: **not specified**

Machine-file based fast dose recalculation

Contribution ID: 7

Type: **not specified**

Machine- & log-file validation and standardization

Contribution ID: 8

Type: **not specified**

Evaluate uncertainties of dose accumulation

Contribution ID: 9

Type: **not specified**

Real-time dose reconstruction in presence of motion

Contribution ID: 10

Type: **not specified**

Evaluation of automated segmentation uncertainties for adaptive PT

Contribution ID: **11**

Type: **not specified**

Informal Meetup

Sunday 7 July 2019 20:00 (2 hours)

Contribution ID: 12

Type: **not specified**

Optimizing plan of the day

Contribution ID: 13

Type: **not specified**

Adjustable robust optimization for anatomical variation

Contribution ID: 14

Type: **not specified**

SPR based on CBCT

Contribution ID: 15

Type: **not specified**

Plan approval of real-time plan adaption

Contribution ID: 16

Type: **not specified**

End-to-end validation of RAPT

Contribution ID: 17

Type: **not specified**

Evaluation Prompt gamma for identifying clinical relevant deviations and automated decision making

Contribution ID: 18

Type: **not specified**

Validation of the prediction of a TPS-implemented PG simulation with measurement data and dose reconstruction

Contribution ID: **19**

Type: **not specified**

SPR range probing

Contribution ID: 20

Type: **not specified**

Discussion on project scope

Presenters: VEENSTRA-KORF, Hilda; Dr GAJŠEK, Rok

Contribution ID: 21

Type: **not specified**

Discussion on impact

Monday 8 July 2019 14:30 (1h 30m)

Presenters: Mrs VEENSTRA-KORF, Hilda (UMCG); Dr GAJŠEK, Rok

Session Classification: Grant strategy

Contribution ID: 22

Type: **not specified**

Discussion on science

Presenters: Dr KNOFF, Antje (UMCG); Dr GAJŠEK, Rok (Cosylab)

Contribution ID: 23

Type: **not specified**

Discussion on training network

Monday 8 July 2019 11:30 (1h 30m)

Presenters: Mrs VEENSTRA-KORF, Hilda; Dr GAJŠEK, Rok (Cosylab)

Session Classification: Grant strategy

Contribution ID: 24

Type: **not specified**

Follow-up and timeline

Monday 8 July 2019 16:30 (1 hour)

Presenters: Dr KNOFF, Antje (UMCG); Dr GAJŠEK, Rok (Cosylab)

Session Classification: Grant strategy

Contribution ID: 25

Type: **not specified**

Introduction and UMCG ESR

Tuesday 9 July 2019 09:00 (50 minutes)

Presenter: Dr KNOFF, Antje (UMCG)

Session Classification: Grant strategy

Contribution ID: 26

Type: **not specified**

Discussion on project scope

Monday 8 July 2019 10:00 (1 hour)

Presenters: Mrs VEENSTRA-KORF, Hilda (UMCG); Dr GAJŠEK, Rok (Cosylab)

Session Classification: Grant strategy

Contribution ID: 27

Type: **not specified**

Management

Tuesday 9 July 2019 11:30 (30 minutes)

Presenter: Dr GAJŠEK, Rok (Cosylab)

Session Classification: RAPTOR Discussion

Contribution ID: 28

Type: **not specified**

Dose accumulation and uncertainties estimation

Tuesday 9 July 2019 10:00 (10 minutes)

Presenter: Dr ALBERTINI, Francesca (PSI)

Session Classification: Grant strategy

Contribution ID: 29

Type: **not specified**

Real-time 4D-dose calculation to assess the efficacy of motion mitigation strategies

Tuesday 9 July 2019 10:10 (10 minutes)

Presenter: Dr WOLF, Moritz (GSI)

Session Classification: Grant strategy

Contribution ID: 30

Type: **not specified**

Evaluation of automated segmentation uncertainties for adaptive PT

Tuesday 9 July 2019 10:20 (10 minutes)

Presenter: Dr STUDEN, Andrej (University of Ljubljana)

Session Classification: Grant strategy

Contribution ID: **31**

Type: **not specified**

Dose reconstruction from range measurements

Tuesday 9 July 2019 10:30 (10 minutes)

Presenter: Dr PARODI, Katia (LMU)

Session Classification: Grant strategy

Contribution ID: 32

Type: **not specified**

Optimizing Plan of the Day

Tuesday 9 July 2019 10:40 (10 minutes)

Presenter: Dr TEN EIKELDER, Stefan (Tiblurg University)

Session Classification: Grant strategy

Contribution ID: 33

Type: **not specified**

Towards automated PG treatment verification

Tuesday 9 July 2019 10:50 (10 minutes)

Presenter: Dr RICHTER, Christian (OncoRay)

Session Classification: Grant strategy

Contribution ID: 34

Type: **not specified**

Robust optimization for anatomical variations

Tuesday 9 July 2019 09:50 (10 minutes)

Presenter: Dr KORREMAN, Stine (Aarhus University)

Session Classification: Grant strategy