

Advanced School on Medical Accelerators and Particle Therapy



Report of Contributions

Contribution ID: 1

Type: **not specified**

Registration, Welcome, Logistics

Monday 1 April 2019 09:30 (30 minutes)

Contribution ID: 2

Type: **not specified**

Overview of MedAustron

Monday 1 April 2019 10:00 (30 minutes)

Presenter: SCHMITZER, Claus (University of Liverpool (GB))

Contribution ID: 3

Type: **not specified**

State of the art medical treatment modalities, challenges and future trends

Monday 1 April 2019 11:00 (1 hour)

Presenter: GEORG, Petra (MedAustron)

Contribution ID: 4

Type: **not specified**

State-of-the-art ion beam treatment facilities (synchrotron & cyclotron)

Contribution ID: 5

Type: **not specified**

Diagnostics for Medical Accelerators

Monday 1 April 2019 12:00 (1 hour)

Presenter: REPOVZ, Matjaz (MedAustron)

Contribution ID: 6

Type: **not specified**

Radiobiology I (research/lab environment)

Monday 1 April 2019 14:30 (1 hour)

Presenter: GRUBER, Sylvia (MedAustron)

Contribution ID: 7

Type: **not specified**

Radiobiology II (real patients)

Monday 1 April 2019 15:30 (1 hour)

Presenter: FOSSATI, Piero (MedAustron)

Contribution ID: 8

Type: **not specified**

Dosimetry and related detector R&D

Tuesday 2 April 2019 08:30 (1 hour)

Presenter: PALMANS, Hugo (MedAuston)

Contribution ID: 9

Type: **not specified**

Monte Carlo simulations into cell-physics

Tuesday 2 April 2019 09:30 (1 hour)

Presenter: GREVILLOT, Loic (MedAustron)

Contribution ID: **10**

Type: **not specified**

Ion Beam Imaging (Proton CT)

Tuesday 2 April 2019 11:00 (1 hour)

Presenter: HIRTLE, Albert (MedAustron)

Contribution ID: **11**

Type: **not specified**

Machine QA

Tuesday 2 April 2019 12:00 (1 hour)

Presenter: KURFÜRST, Christoph

Contribution ID: 12

Type: **not specified**

Medical Imaging Techniques

Thursday 4 April 2019 11:00 (1 hour)

Presenter: STOCK, Markus (MedAustron)

Contribution ID: 13

Type: **not specified**

RBE comparison/impact analysis

Wednesday 3 April 2019 09:00 (1 hour)

Presenter: FRIEDRICH, Thomas (GSI)

Contribution ID: 14

Type: **not specified**

Treatment planning I

Wednesday 3 April 2019 10:30 (1 hour)

Presenter: KRAGL, Gabriela (MedAustron)

Contribution ID: 15

Type: **not specified**

Treatment planning II

Wednesday 3 April 2019 11:30 (1 hour)

Presenter: KRAGL, Gabriela (MedAustron)

Contribution ID: **16**

Type: **not specified**

Real-time In-Vivo Dosimetry and Range Verification

Wednesday 3 April 2019 12:30 (1 hour)

Presenter: KRIMMER, Jochen (IBA)

Contribution ID: 17

Type: **not specified**

MR-guided p-therapy

Thursday 4 April 2019 08:30 (1 hour)

Presenter: FUCHS, Hermann (MedAustron)

Contribution ID: **18**

Type: **not specified**

4D motion management

Thursday 4 April 2019 09:30 (1 hour)

Presenter: STOCK, Markus (MedAustron)

Contribution ID: **19**

Type: **not specified**

Treatment planning III - NTCP models

Tuesday 2 April 2019 14:30 (1 hour)

Presenter: GULLIFORD, Sarah (UCLH PBT)

Contribution ID: 20

Type: **not specified**

Improving range accuracy in particle therapy

Friday 5 April 2019 08:30 (1 hour)

Presenter: GORA, Joana (MedAustron)

Contribution ID: 21

Type: **not specified**

Strategies for patient specific QA pre-treatment

Friday 5 April 2019 09:30 (1 hour)

Presenter: CARLINO, Antonio (MedAustron)

Contribution ID: 22

Type: **not specified**

Treatment workflow –hospital expert perspective

Friday 5 April 2019 11:00 (1 hour)

Presenter: HENTSCHL, Harald (MedAustron)

Contribution ID: 23

Type: **not specified**

Future perspectives and conclusion

Friday 5 April 2019 12:00 (1 hour)

Presenter: WELSCH, Carsten Peter (Cockcroft Institute / University of Liverpool)

Contribution ID: 24

Type: **not specified**

Coach Transfer from Motel One, Vienna, to Technology and Research Center Wiener Neustadt

Coach transfer from Motel One, Vienna to Technology and Research Center Wiener Neustadt,
Viktor Kaplan Strasse 2, 2700 Wiener Neustadt.

Contribution ID: 25

Type: **not specified**

Coach Transfer