

Meeting

Scientific Agenda

Day 1

12:00 Registration and lunch

Opening and Welcome Address

14:00 Opening

14:10 Welcome Address

Session 1:

14:20 Radiosurgery for Acoustic Neurinomas: Reflexions on target definition, image fusion and outcome

14:40 Evolution of symptoms following stereotactic radiotherapy of meningiomas

15:00 Clinical experience of 6D couch corrections for frameless treatments

15:20 Hypofractionated stereotactic radiotherapy of choroidal melanoma

15:40 Clinical outcome for different treatment regimes for stereotactic irradiation of arteriovenous malformations

16:00 Coffee Break

Session 2:

16:20 Stereotactic ablative body radiosurgery for non-small cell lung cancer

16:40 Different intensity modulated therapy techniques for rectal cancer

17:00 Pros and cons of extreme hypofractionation for prostate cancer

17:20 Accurate positioning of breast cancer patients with ExacTrac

17:40 Adaptive gating for stereotactic treatment of lung and liver lesions

Social Event

20:00 Social event

Day 2

Session 3:

- 9:00 The Vero SBRT system and gimbaled linac tumor tracking
- 9:40 Introduction to the concept of adaptive hybrid surgery
- 10:20 Future Vision and R&D Outlook Brainlab
- 11:00 Coffee Break

Session 4A:

- 11:20 Hands-on practical experience with the new ExacTrac 6
- 13:00 Lunch

Session 4B:

- 11:20 Preliminary experience in salvage treatment for acoustic neuromas
- 11:40 Comparison of different treatment techniques for vestibular schwannomas evaluated with a novel measuring tool
- 12:00 Stereotactic radiotherapy for cavernous sinus meningiomas
- 12:20 Functional preservation by combination of surgery and radiosurgery
- 12:40 Imaging and image post-processing for the treatment of essential tremor
- 13:00 Lunch

Session 4C:

- 11:20 Appraisal of a novel method for isocentric calibration of ExacTrac
- 11:40 Electronic portal imaging dosimetry verification methods
- 12:00 Intra-fraction motion management via real-time dynamic MLC tracking
- 12:20 Cone beam CT guided patient positioning with ExacTrac
- 12:40 ArcCheck diode array for dosimetric verification of HybridArc
- 13:00 Lunch

Session 5A:

- 13:40 Hands-on practical experience with the new ExacTrac 6

Session 5B:

- 13:40 Clinical validation of semi-automatic head and neck segmentation
- 14:00 Innovative imaging for enhanced target definition and optimal outcome
- 14:20 Marker definition challenges for respiratory correlated CT and IGRT
- 14:40 Color intensity projection for target delineation of AVM's
- 15:00 Expanding on the extra-cranial possibilities of ExacTrac

Session 5C:

- 13:40 Comparison of radiotherapy dose painting based on different tracers and time-points
- 14:00 Introducing a dynamic hypoxia imaging-based dose prescription
- 14:20 Commissioning of iPlan for conformal 3D Planning
- 14:40 Small-field entrance in-vivo dosimetry in radiosurgery using micro-mosfet
- 15:00 HybridArc planning evaluation for cranial and spine radiosurgery

Closing Address and Reception

- 15:20 Closing Address
- 15:30 Closing Reception