IRRF Scientific Program - 2020

PRE-MEETING THURSDAY AFTERNOON PROGRAM (Thursday June 18)

*Radiosurgery Practice Workshops*
1:00-4:00

Stations:
1 – Practical aspects of dose planning
2 – Software development with the manufacturers
3 - Data collection (working with registries)

FRIDAY June 19

Day 1
7-8 am: Registration, coffee, exhibitors

8-8:05: Welcome

Session 1 – *Brain Metastases – Pushing the Boundaries*
8:05- 10:30

8:05- 8:20 Higher numbers of tumors
8:20- 8:35 Larger tumors, single session
8:35-8:50 Larger tumors, multi-session
8:50-9:05 Repeat radiosurgery for failure
9:05-9:20 Tumor resection bed radiosurgery
9:20-9:25 *ISRS Update: 2021 Meeting*
9:25-10:30 (submitted abstracts)

10:30-10:45 (coffee break)

10:45-11:15 *The Inaugural Dan Leksell Lecture*

Session 2 – *Brain Metastases – Radiosurgery, Medical Management, and Response Evaluation*
11:15- 12:30

11:15-11:25 Drug therapies and Radiosurgery for Lung cancer
11:25-11:35 Drug therapies and Radiosurgery for Melanoma
11:35-11:45 Understanding Response: Adverse Effects vs Tumor Progression
11:45-11:55  Medical Management of Adverse Radiation Effects
11:55-12:10  Surgical Management of Adverse Radiation Effects
12:10-12:40  (submitted abstracts)

12:40-1:30 (lunch)

Session 3 – Benign Tumors – New Research Findings
1:30-3:00

1:30-1:45  Vestibular schwannomas – research update
1:45-2:00  Meningiomas – research update
2:00-2:15  Pituitary tumors – research update
2:15-2:30  Multisession radiosurgery: techniques and indications
2:30-3:00  (submitted abstracts)

3:00-3:15 (coffee break)

Session 4 – Trigeminal Neuralgia and Radiobiology – New Research Findings
3:15-5:00

3:15-3:25  Dose planning to improve trigeminal neuralgia outcomes
3:25-3:35  Is trigeminal radiosurgery for drug failure or should it be done earlier?
3:35-3:45  Current Physics Research: More accurate, more reliable?
3:45-4:00  Biologically Equivalent Dose (BED): Worthwhile or Practical?
4:00-4:20  Towards the Optimal Dose Plan: What parameters and indices actually matter?
4:20– 5:00  (submitted abstracts)

5:00-6:00  Reception

Day 2 (Saturday June 20)

7:45-08:00  ISRS Activities:

Session 5 – Vascular Malformations and Gliomas
8:00 – 10:30

8:00-8:15  Arteriovenous malformations – research from multicenter studies
8:15-8:30  Techniques for larger volume AVMs
8:30-8:45  Managing adverse effects of AVM radiosurgery
8:45-9:00  Current indications and outcomes for glioma radiosurgery
9:00-9:15  Current radiosurgery research for “other tumors”
9:15-10:30  (submitted abstracts)
10:30-10:45  (coffee break)

Session 6 – Clinical Research Design – What are the Key Questions to Address?

10:45 – 12:00

10:45-11:00  Brain Metastases
11:00-11:15  Vestibular Schwannomas
11:15-11:30  Meningiomas
11:30-11:45  Arteriovenous malformations
11:45-12:00  Functional Disorders  *(Jean Regis)*

12:00-1:00 (lunch)