



and



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## **5<sup>th</sup> Biennial International Radiosurgery Research and Education Meeting**

Ritz Carlton • Coconut Grove, FL

October 27-29, 2023

### **Friday, October 27, 2023**

12:00-5:00 Industry User Sessions  
5:00-7:30 IRRF Board Meeting/Dinner

### **Saturday, October 28, 2023**

7:30-7:40 Welcome & Introductions – Manmeet Ahluwalia/Jason Sheehan/Ajay Niranjana

#### **7:40-9:30 Session I – Brain Tumors I**

7:40-7:50 Optimal dose planning for brain metastases control  
7:50- 8:10 Immunotherapy and SRS  
8:10-8:25 Targeted therapy for brain metastases and SRS  
8:25-8:40 Complementary therapies to SRS (review of LITT, intraoperative radiotherapy, FUS)  
8:40-8:55 Medical and surgical management of radiation necrosis (surgery, steroids, Avastin, LITT)  
8:55-9:10 Management of recurrent brain metastases (could include repeat SRS, LITT, surgery, gamma-tile)  
9:10-9:30 Q&A

9:30-9:45 Break

#### **9:45-12:00 Session II – Primary Tumors**

9:45-9:55 When enough is enough: Leaving Residual Meningioma or Vestibular Schwannoma at Surgery  
9:55-10:05 Predicting and Treating Post-SRS Edema in Meningioma  
10:05-10:15 Managing grade 2-3 meningioma  
10:15-10:25 Timing of SRS in VS  
10:25-10:35 NF2 VS and SRS  
10:25-10:45 Panel Discussion for Meningiomas and Schwannomas  
10:45-10:55 SRS in Recurrent HGG  
10:55-11:05 LITT for HGG  
11:05-11:15 Emerging Strategies for Gliomas  
11:15-11:35 Panel Discussion Gliomas  
11:40-12:00 Keynote Talk  
12:00-1:00 Lunch Break

**1:00-1:15 Session III - Big Data and Clinical Trials**

1:00-1:15	Imaging Artificial Intelligence/Machine-learning in Prediction of Response Following SRS
1:15-1:30	Use of Registries in Assessing Clinical Efficacy of SRS
1:30-1:45	Spatial Modeling and Prediction of Metastases Topography
1:45-2:00	Radiomics and Radiosurgery
2:00-2:30	AI for Radiation Planning
2:30-2:45	Panel Discussion
2:45-3:00	Break

**3:00-5:15 Session IV – Brain Tumors II**

3:00-3:15	Physics of Radiosurgery and Brachytherapy
3:15-3:45	Fractionated SRS
3:45-4:00	Staged / Adaptive SRS
4:00-4:15	Resection and Post-operative WBRT
4:15-4:30	Resection and Post-operative Brachytherapy
4:30-4:45	Resection and Post-operative SRS
4:45-5:00	Pre-operative SRS and Resection
5:00-5:10	Panel Discussion

**5:10-5:30 20 Keynote Talk**

5:30	Adjourn
6:00-8:00	Conference Dinner

**Sunday, October 29, 2023****8:00-10:15 Session V – Vascular Indications**

8:00-8:15	Large AVMs – Multi-Stage SRS
8:15-8:30	Dural AVFs and SRS
8:30-8:45	Physics of Staged SRS
8:45-9:00	Embolization Before or After SRS
9:00-9:15	Cavernomas and SRS
9:15-9:30	Aneurysm and SRS
9:30-9:45	Unruptured AVMs: Evidence and Contemporary Management
9:45-10:00	Peri- and Intracanal Aneurysms Associated with AVMs
10:00-10:15	Panel Discussion
10:15-10:30	Break

**10:30-12:00 Session VI – Functional**

10:30-10:45	BED in Trigeminal Neuralgia
10:45-11:00	Tremor and SRS in the World of DBS and FUS
11:00-11:15	OCD
11:15-11:30	Non-CN V Pain Treated with SRS
11:30-11:45	Validated Assessments for TGN
11:55-12:00	Hypothalamic Hamartomas and Epilepsy
12:00-12:15	Q&A
12:15-12:30	Conference Wrap Up

This is the preliminary program and is subject to change.