



2019

RIO DE JANEIRO, Brazil

ISRS

JUNE 9-13

**14th
INTERNATIONAL
STEREOTACTIC
RADIOSURGERY
SOCIETY CONGRESS**

**WINDSOR CONVENTION
& EXPO CENTER**

FINAL PROGRAM

endorsed by **ASTRO**
AMERICAN SOCIETY FOR RADIATION ONCOLOGY



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www.isrscongress.org
Prof. Antonio De Salles *Congress Chairman*



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Sunday 09 June

08:00

B11

08:00 - 10:00

ISRS SRS/SBRT EDUCATIONAL COURSE INTRACRANIAL SRS: THE BASICS

Moderators: **Guilherme ESPOSITO QUERELLI (BRAZIL), Matthew FOOTE (AUSTRALIA), Crystian SARAIVA (BRAZIL)**

- Introduction & Course Objectives. **Antonio DE SALLES (BRAZIL)**
- Principles of Radiosurgery. **Laura FARISELLI (ITALY)**
- Radiobiology of Radiosurgery. **Dennis SHRIEVE (USA)**
- QA and Imaging. **Ian PADDICK (UK)**
- Imaging for Radiosurgery. **Stephen HOLMES (USA)**
- Discussion.

Segovia
Break
Out

10:00

COFFEE BREAK

Segovia
Break
Out

10:20

B13

10:20 - 12:00

ISRS SRS/SBRT EDUCATIONAL COURSE INTRACRANIAL SRS: CLINICAL INDICATIONS

Moderators: **Julio ANTICO (ARGENTINA), John SUH (USA), Paul W. SPERDUTO (USA)**

- Brain Metastases. **Patrick HANSSENS (THE NETHERLANDS)**
- Brain Protection with Repeat SRS : Making Whole Brain Radiation Obsolete. **Iris GIBBS (USA)**
- Intracranial Benign Lesions. **Samuel CHAO (USA)**
- Stereotactic Radiosurgery for AVMs. **Bruce POLLOCK (USA)**
- Trigeminal Neuralgia and Functional Disorders. **Alessandra GORGULHO (BRAZIL)**

Segovia
Break
Out

12:00

LUNCH - Oceanico's Restaurant

Segovia
Break
Out

13:00

B15

13:00 - 14:30

ISRS SRS/SBRT EDUCATIONAL COURSE SBRT: THE BASICS

Moderators: **Francine Xavier DOS SANTOS (BRAZIL), Uriel NOVICK (ARGENTINA), Marta SCORSETTI (ITALY)**

- Contouring. **Caroline CHUNG (USA)**
- Treatment planning considerations for SBRT: from optimization to dose calculation. **Andrea GIRARDI (BELGIUM)**
- Immobilization and Positioning Considerations. **Paul MEDIN (USA)**
- Motion Management Techniques. **Fang-Fang YIN (USA)**
- Discussion.

Segovia
Break
Out

C15

13:00 - 14:30

LGKS AFTERNOON SESSION - PART I Radiosurgery - What we can expect in the future?

- Welcome. **Dan LEKSELL (SWEDEN)**
- Personalized machine learning - AI based segmentation & plan generation. **Kenneth LAU (SWEDEN)**
- Sunnybrook approach to multiple metastases - SPARE technique and workflow. **Arjun SAHGAL (CANADA)**
- Radiosurgery & Immunotherapy--A Good Bet? **Jonathan KNISELY (USA)**

El
Pardo I



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Sunday 09 June

14:30

COFFEE BREAK

Segovia
Break
Out

14:50

C17

14:50 - 18:00

LGKS AFTERNOON SESSION - PART II

Radiosurgery - What we can expect in the future?

- Increased visualization in CBCT imaging - How far can we get? **Kenneth LAU (SWEDEN)**
- MR guided RT with Unity - Potential applications and benefits. **Caroline CHUNG (USA)**
- Foresee outcome using pathology, blood biomarkers, genomics & radiomics. **Hakan NORDSTROM (SWEDEN)**
- Radiosurgery for OCD and major depression. **Antonio Carlos LOPES (BRAZIL)**
- What can we learn from dose planning comparison studies? **Ian PADDICK (UK)**
- Next generation inverse planner. **Bjorn SOMELL (SWEDEN)**
- Intuitive interactive inverse planning for Gamma Knife radiosurgery. **Marc LEVIVIER (SWITZERLAND)**
- Fast and comprehensive plan adaptation. **Hakan NORDSTROM (SWEDEN)**
- Concluding remarks. **Dan LEKSELL (SWEDEN)**

El
Pardo I

B17

14:50 - 17:00

ISRS SRS/SBRT EDUCATIONAL COURSE

SBRT: CLINICAL INDICATIONS

Moderators: **Laura FARISELLI (ITALY)**, **Samuel RYU (USA)**, **Kita SALLABANDA (SPAIN)**

- Lung. **Ben SLOTMAN (THE NETHERLANDS)**
- The evolving role of SBRT in the management of liver metastases. **Marta SCORSETTI (ITALY)**
- Prostate SBRT. **Patrick KUPELIAN (USA)**
- Spine. **Arjun SAHGAL (CANADA)**
- Oligometastases. **Rupesh KOTECHA (USA)**
- Other and Emerging Indications. **Lauren HENKE (USA)**
- Discussion.

Segovia
Break
Out

18:00

A18

18:00 - 19:00

OPENING LECTURES

- Welcome By Antonio De Salles and Brazil-Latin American Presentation Congress Chairman. **Antonio DE SALLES (BRAZIL)**
- Welcome and Lecture from Ministry of Science, Technology, Innovation and Communications - MCTIC. **Marcello MORALES (BRAZIL)**
- Define your Brand. **Edmour SAIANI (BRAZIL)**
- Words of Welcome. **Ian PADDICK (UK)**
- Words of Logistics. **Antonio DE SALLES (BRAZIL)**

Segovia
Plenary

19:00

OPENING RECEPTION - EXHIBITION AREA