

ESSFN Hands On Courses

RADIOSURGERY



12-14 May 2025
Marseille, France

essfn

European Society for
Stereotactic and Functional Neurosurgery

SCIENTIFIC PROGRAMME



GENERAL ORGANIZATION :

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Monday 12 May 2025

08.00 **Welcome & Introduction. Jean Régis**

BASICS

08.10 Technical principles of radiosurgery. **Pierre Duthil**

08.30 Basic of Radiobiology. **Jean Régis**

08.50 Histological changes. **Giorgio Spatola**

09.10 Imaging and quality control. **Jean Régis**

09.30 Coffee break

10.00 Dose delivery and quality control with Gamma Knife. **Pierre Duthil**

10.15 Dose delivery and quality control with Linac. **Thierry Gevaert**

10.30 Conformity selectivity and gradient indexes. **Andres Mack**

10.45 The issue of small beam measurement in functional SRS. **Ian Paddick**

11.00 Discussion. **Attendees**

11.30 **ELEKTA Jonas Johansson**

12.00 Lunch break

14.00 **VESTIBULAR SCHWANNOMAS**

Surgical Aspects. **Pierre Roche**

Doseplanning and clinical results. **Jean Régis**

Strategy, Combined approaches. **Pierre Roche**

Specificities of NFII. **Giorgio Spatola**

Carcinogenesis Issue. **Xavier Muracciole**

Discussion. **Attendees**

15.30 Coffee break

16.00 **MENINGIOMAS**

General principles. Longitudinal Sinus & Petroclival. **Pierre Roche**

Cavernous Sinus & Paraoptic. **Pierre Yves Boriis**

Discussion. **Attendees**

17.30 **PITUITARY**

Clinical aspects in secreting adenomas. **Frederic Castinetti**

Doseplanning in secreting and NS. **Selcuk Peker**

Discussion. **Attendees**

18.30 **Closure for the day.**

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Tuesday 13 May 2025

08.30 **BRAINLAB** Gerrit Hombrink

09.30 **Group Hands-On for Doseplanning on the three systems**

10.00 Coffee break

10.30 **Group Hands-On for Doseplanning on the three systems**

12.30 Lunch break

13.30 **VASCULAR**

Radiobiology, Angioarchitecture and targetting. **Michele Longhi**

Results & predictive factors. **Roberto Martinez**

Large AVM indications, strategies. **Maximilian Ruge**

Management of Radio-injury. **Selcuk Peker**

Discussion. **Attendees**

15.00 **MALIGNANCY**

Gliomas. **Pierre Yves Borius**

Other CNS & Ocular Tumors. **Antonio Santacrocce**

Discussion. **Attendees**

15.45 **ZAP** Andreas Mack, Antonio Santacrocce

16.15 Coffee break

16.45 **BRAIN METASTASES**

Results & predictive factors. **Michele Longhi**

Strategy & patient selection. **Michele Longhi**

Discussion. **Attendees**

17.30 **SPINE RADIOSURGERY** Antonio Santacrocce

Discussion. **Attendees**

18.00 **Closure for the day.**

20.00 Dinner

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Wednesday 14 May 2025

08.30 **TRIGEMINAL NEURALGIA**
Surgical Aspects. **Loránd Eros**
Trigeminal Neuralgia Radiosurgery. **Giorgio Spatola**
Discussion. **Attendees**

09.30 SRS for Pain (out of TIC). **Anne Balossier**
10.00 SRS for Psychiatric disease. **Giorgio Spatola**

10.30 Coffee break

11.00 SRS for Tremor. **Jean Régis**
11.30 SRS for other movement disorders. **Jean Régis**

12.00 Lunch break

13.00 Group Hands-On for Dose-planning on the three systems.
14.30 SRS for MTLE. **Roberto Martinez**
15.00 SRS for HH. **Jean Régis**
15.30 SRS for other Epilepsy. **Jean Régis**

15.30 Coffee break

16.00 **Discussions & Conclusion**

16.30 **Closure**

17.00 **Educational Committee meeting**

WE WOULD LIKE TO THANK OUR SPONSORS FOR THEIR SUPPORT

