

ESSFN Hands On Courses

MOVEMENT DISORDERS



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11-13 March 2026
Hannover-Germany

essfn European Society for
Stereotactic and Functional Neurosurgery

SCIENTIFIC PROGRAMME



GENERAL ORGANIZATION :

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Wednesday, March 11, 2026

- 08.15 **Introduction.** Joachim K. Krauss, Jean Regis, Amir Samii
 08.30 Pathophysiology - PD, dystonia, tremor. **Christoph Schrader**
 09.00 Medical Treatment – PD, dystonia, tremor. **Matthias Höllerhage, MD**
 09.30 Neuroanatomy basal ganglia and thalamus. **Laura Cif**

10.00 Coffee break

- 10.30 History of movement disorders surgery. **Marwan Hariz**
 11.00 Patient selection for surgery - PD. **Martin Klietz, MD**
 11.30 Patient selection for surgery - tremor and dystonia. **Laura Cif**

12.00 Lunch break

13.30-14.30 **WORKSHOP/ HANDS-ON / INNOMED**

- 13.30 Inomed Stereotactic System
 Speaker: Dr. rer. Nat. Mevlüt Yalaz
 14.00 Inomed MER-System
 Speaker: Dr. rer. Nat. Alexander Kurz

14.30-15.00 **WORKSHOP/ HANDS-ON / BRAINLAB**

- Advanced Visualisation in DBS Planning
 Speaker: Rick Schuurman

15.00 Coffee break

- 15.30 Imaging and target planning. **Harith Akram**
 16.00 Surgical procedure - implantation of electrodes, extension and IPG. **Lorand Eröss**
 16.30 Intraoperative neurophysiology. **Stéphan Charbardès**
 17.00 Intra-and postoperative imaging. **Harith Akram**

20.00 Faculty dinner

Thursday, March 12, 2026

- 08.30 DBS - available hardware. **Jocelyne Bloch**
- 09.00 DBS – mechanism of action. **Jens Volkmann**
- 09.30 DBS - programming principles. **Thomas Köglspurger**

10.00 Coffee break

- 10.30 DBS - Imaging guided programming and steering. **Rick Schuurman**
- 11.00 Closed loop and adaptive stimulation. **Thomas Köglspurger**
- 11.30 Management of chronic stimulation and hardware problems. **Lorand Eröss**

12.00 Lunch break

13.30-14.00 **WORKSHOP/ HANDS-ON / BOSTON**

DBS Image-Guided Programming with Cartesia X/HX and Illumina 3D
Speaker: Pr Volkmann

14.00-14.30 **WORKSHOP/ HANDS-ON / MEDTRONIC**

BrainSense Electrode Identifier and adaptive DBS: Technical basics and practical application
Speakers: Dr. Daniel Bosch & Andreas Rolf

15.00 Coffee break

- 15.30 DBS outcome - PD. **Jens Volkmann**
- 16.00 DBS outcome - dystonia. **Joachim K. Krauss**
- 16.30 DBS outcome - tremor. **Patric Blomstedt**
- 17.00 Case based discussion PD. **Joachim K. Krauss & Faculty**

20.00 Networking dinner

Friday, March 13, 2026

08.30 Radiofrequency lesioning. **Marwan Hariz**

09.00 Radiosurgery. **Jean Regis**

09.30 HiFu. **Michele Longhi**

10.00 Coffee break

10.30 **DEBATE I: DBS VERSUS LESIONING.** Rick Schuurman & Marwan Hariz

11.00 Setting up DBS service. **Patric Blomstedt**

11.30 **DEBATE II: AWAKE VERSUS ASLEEP.** Rick Schuurman & Jean Regis

12.00 Closure & Course Evaluation

12.30 Lunch break

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