

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. Haghikia oder Schrader
09.00	Medical Treatment – PD, dystonia, tremor. Höllerhage, MD
09.30	Neuroanatomy basal ganglia and thalamus. Reich, MD

10.00 Coffee break

10.30	History of movement disorders surgery. Marwan Hariz
11.00	Patient selection for surgery - PD. Kietz, MD
11.30	Patient selection for surgery - tremor and dystonia. Maria Fiorella Contarino

12.00 Lunch break

13.00-14.30 **WORKSHOP/ HANDS-ON**

15.00 Coffee break

15.30	Imaging and target planning. Ludvic Zrinzo
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. **Reich, MD**

10.00 Coffee break

- 10.30 DBS - Imaging guided programming and steering. **Rick Schuurmann**
 11.00 Closed loop and adaptive stimulation. **Kühn, MD**
 11.30 Management of chronic stimulation and hardware problems. **Stéphan Chabardès**

12.00 Lunch break

13.00-14.30 **WORKSHOP/ HANDS-ON**

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.** Maria Fiorella Contarino & Marwan Hariz
 11.00 Advanced imaging techniques. **Harith Akram**
 11.30 Setting up DBS service. **Patric Blomstedt**
 12.00 **DEBATE II: AWAKE VERSUS ASLEEP.** Stephan Chabardès & Jean Regis
 12.30 Closure & Course Evaluation

13.00 Lunch break