

# PROGRAMME

MONDAY, 23<sup>rd</sup> OF OCTOBER 2023

**Stereotaxy basics, DBS indications and electrophysiology**

(Central European Time CET)

8:45 am	- 9:00 am	Registration	
9:00 am	- 9:15 am	Welcome	Coenen
9:15 am	- 10:00 am	<b>Stereotactic technique, anatomy and target points</b>	Coenen
10:00 am	- 10:45 am	<b>Stereotactic workflow, direct and MER-based targeting</b>	Hamel
10:45 am	- 11:15 am	Coffee break	
11:15 am	- 12:00 pm	<b>Neurophysiological "imaging" during DBS procedures</b>	Moll
12:00 pm	- 12:45 pm	<b>Emerging neurophysiological markers/ Current topics in DBS programming</b>	Groiss
12:45 pm	- 1:45 pm	Lunch	
1:45 pm	- 2:30 pm	<b>Double target DBS for Rare Tremor Syndroms</b>	Yilmaz
2:30 pm	- 3:15 pm	<b>DBS Systems with sensing and closed-loop</b>	Tinkhauser
3:15 pm	- 3:45 pm	Coffee break	
3:45 pm	- 4:30 pm	<b>Psychiatric Indications</b>	Coenen
4:30 pm	- 6:00 pm	<b>Workshop - Hands on in groups:</b> Stereotactic Planning Systems Stereotactic Frames (incl. Accessories) Microelectrode Recording System and Micro Drive DBS Systems RF Thermo-coagulation Systems for Brain Lesioning	Ref. Group
6:30 pm		Social event with dinner	

**TUESDAY, 24<sup>th</sup> OF OCTOBER 2023**

## **Lesion techniques, Epilepsy**

(Central European Time CET)

9:00 am	-	9:45 am	<b>HIFU</b>	Helmerts
9:45 am	-	10:30 am	<b>Laser ablation for Epilepsy</b>	Strauss
10:30 am	-	11:15 am	<b>Lesioning techniques &amp; physical principles (RF)</b>	Taira
11:15 am	-	11:45 am	Coffee break	
11:45 am	-	12:30 pm	<b>sEEG Implantation for Epilepsy Diagnostics</b>	Reinacher
12:30 pm	-	1:15 pm	<b>Thermocoagulation via sEEG electrodes</b>	Cardinale
1:15 pm	-	1:45 pm	<b>Discussion</b>	
1:45 pm	-	2:00 pm	<b>Evaluation and closing remarks</b>	Coenen
2:00 pm	-	3:00 pm	Lunch	

## **COURSE DIRECTOR**

**Univ.-Prof. Dr. med. Volker Arnd Coenen**  
Stereotactic and Functional Neurosurgery  
Medical Director  
University Hospital Freiburg  
Germany

## **INVITED SPEAKERS**

**Francesco Cardinale MD**  
Niguarda Hospital  
Milano, Italy

**Dr. med. Stefan Groiss, MHBA**  
University Medical Center Düsseldorf  
Germany

**Prof. Dr. med. Wolfgang Hamel**

University Medical Center Hamburg-Eppendorf (UKE)  
Germany

**Prof. Dr. med. Ann-Kristin Helmers**

UKSH Universitätsklinikum Schleswig-Holstein  
Germany

**Priv.-Doz. Dr. med. Christian Moll**

University Medical Center Hamburg-Eppendorf (UKE)  
Germany

**PD Dr. Peter C. Reinacher**

University Hospital Freiburg  
Germany

**Ido Strauss MD, PhD**

Tel Aviv Sourasky Medical Center (TASMC)  
Israel

**Prof. Takaomi Taira**

Tokyo Women's Medical University  
Japan

**Dr. med. Gert Tinkhauser, PhD**

Inselspital Bern  
Switzerland

**Prof. Atilla Yilmaz MD**

Medicana Ataşehir Hastanesi  
Istanbul, Turkey

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