

# *ESBS CERTIFICATION COURSE*



## Transcranial Magnetic and Electrical Stimulation - From research to clinical practice

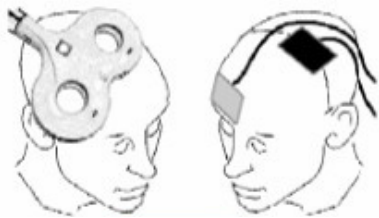
European Society for Brain Stimulation

**UMG**

PRIV.-DOZ. DR. DIRK CZESNIK  
ÜBERÖRTLICHE GEMEINSCHAFTSPRAXIS FÜR  
NEUROLOGIE | PSYCHIATRIE | PSYCHOTHERAPIE  
DR. KATRIN SOBH

November 6<sup>th</sup> - 8<sup>th</sup> 2025  
Göttingen, Germany

# ESBS Certification Course



We are delighted to invite you to the first accredited ESBS Certification Course **“Transcranial Magnetic and Electrical Stimulation - From research to clinical practice”**, a cornerstone of the training program of the European Society for Brain Stimulation. The course is aimed at introducing the theoretical background and practical applications of transcranial magnetic and electrical stimulation to researchers and clinicians. Every effort will be taken to cover the broad spectrum of areas involved in non-invasive brain stimulation from modeling to clinical trials and to highlight recent developments in the field. Lectures will be presented by world-renowned scientists and clinicians. We are looking forward to meeting you in Göttingen.

A. Antal & C. Baeken  
Prof. Dr. Andrea Antal,  
Vice-President of the ESBS  
Department of Neurology  
University Medical Center Göttingen  
Göttingen, Germany

Prof. Dr. Chris Baeken  
President of the ESBS  
Ghent University  
Ghent, Belgium

## REGISTRATION

You can find the registration form on our website: <https://www.brain-stimulation.eu/>

The registration fees are as follows:

### Non-ESBS Members:

- Clinicians and Clinical Consultants: €1,190
- Researchers: €990
- Early Career Researchers (ECRs): €800

*Note:* ECRs who also work as clinicians or clinical consultants should register under the clinician rate.

### ESBS Members:

- Standard: €880
- Early Career Researchers (ECRs): €750

**Participants from Low-Income Countries:** €750

## TRAVEL INFORMATION

Göttingen is easily accessible by train or by car using the Autobahn A7. The closest airports are in Hannover and Frankfurt am Main.

## ACCOMODATION

Suggested hotels: B&B HOTEL Göttingen-City, GHOTEL Hotel & Living Göttingen, Best Western am Papenberg

## VENUE

Lectures: Heart-Brain Center,  
University Medical Center Göttingen,  
Robert Koch Str. 42, 37075 Göttingen

Practical Exercises: Center for  
Neurological and Psychiatric Disorders  
Bürgerstrasse 48, 37073 Göttingen



# Program

## THURSDAY 6<sup>th</sup>

## FRIDAY 7<sup>th</sup>

## SATURDAY 8<sup>th</sup>

08:15 Registration & Welcome  
*C. Baeken*

09:00 Physiological Background of TMS  
*V. Moliadze*

Practical exercises  
(Please see the registration form)

Vulnerable populations  
*A. Ganho-Ávila*

09:45 Physiological Background of tDCS  
*J. Bjekic*

Regulatory, ethical, and  
economic aspects of NIBS  
*A. Antal*

10:30 Coffee Break

Coffee Break

Coffee Break

11:00 Physiological Background of  
tACS & tRNS  
*L. Diedrich*

Practical exercises  
(Please see the registration form)

Integrated NIBS - an update  
*D. Czesnik*

11:30 Electric Field Modelling  
*S. Assecondi*

Group discussions, Tests,  
Closing remarks, certification  
*C. Baeken*

12:00 Lunch

12:30 Lunch

End of the course

13:00 rTMS, Paired pulse controls,  
TBS, placebos stimulation  
*A. Sack*

13:30 Clinical applications in the  
neurology and psychiatry:  
TMS and rTMS  
*S. Filipovic, C. Baeken*

14:00 Practical exercises  
(Please see the registration form)

14:30 Coffee Break

15:00 Multifocal tES, HD-tES, tES in  
combination with EEG  
*J. Bjekic*

15:30 Coffe Break

15:45 Clinical applications: tES  
*P. Ramasawmy*

16:30 Combination of TMS-EMG/EEG  
measurements, Neuronavigation  
*A. Sack*

16:00 Practical exercises  
(Please see the registration form)

18:00 Get together, Walking dinner

18:00 Guided City Tour