

	08/12 Day 1 The Basics of TMS	09/12 Day 2 The Basics of TES	10/12 Day 3 Multimodal NTBS	11/12 Day 4 Frontiers & Clinical applications	12/12 Day 5 CoBS symposium
08:15-08:45	Breakfast				CoBS symposium @Education Building
08:45-09:15	Welcome <i>Hartwig Siebner, Sofus AD Nygaard, Lasse Christiansen</i>	Take home messages Day 1 <i>CoBS attendees</i>	Take home messages Day 2 <i>CoBS attendees</i>	Take home messages Day 3 <i>CoBS attendees</i>	
09:15-10:15 Lecture	1.1 Physics and Biophysics of TMS <i>Axel Thielscher</i>	2.1 Physics and Biophysics of TES <i>Oula Puonti</i>	3.1 NTBS & Neuroimaging <i>Hartwig Siebner</i>	4.1 NTBS: Therapeutic perspectives in Psychiatry <i>Frank Padberg</i>	
10:15-10:30	Coffee break				
10:30-11:30	1.2 Neurophysiological principles of TMS <i>Hartwig Siebner</i>	2.2 Neurophysiological principles of TES <i>Hartwig Siebner</i>	3.2 Principles of NTBS-fMRI <i>Axel Thielscher</i>	4.2 NTBS: Therapeutic perspectives in Neurology <i>Hartwig Siebner</i>	
11:30-12:15	1.3 Neuromodulatory TMS <i>Lasse Christiansen</i>	2.3 Introduction to SimNIBS <i>Jesper Duemose</i>	3.3 Principles of TMS-EEG <i>Lasse Christiansen</i>	MasterClass 1: Transcranial Focused Ultrasound Stimulation <i>Axel Thielscher, Xavi Corominas-Teruel</i>	
12.15-12.30	1.4 TMS Safety - A primer <i>Lasse Christiansen</i>	2.4 TES Safety - A primer <i>Lasse Christiansen</i>	3.4 NTBS+Neuroimaging Safety <i>Lasse Christiansen</i>		
12:30-13:15	Lunch				
13:15-13:45	Take home discussions <i>Group work</i>	Take home discussions <i>Group work</i>	Take home discussions <i>Group work</i>	MasterClass 2: Electrodes <i>Marom Bikson</i>	
13:45-15:00 Practical I	Group 1: P1 Group 2: P1 Group 3: P1	Group 1: P3 Group 2: P3 Group 3: P3	Group 1: P5 Group 2: P6 Group 3: P7		
15:00-15:30	Coffee break				
15:30-16:45 Practical II	Group 1: P2 Group 2: P2 Group 3: P2	All groups: P4	Group 1: P6 Group 2: P7 Group 3: P5	Group 1: P7 Group 2: P5 Group 3: P6	
Evening socials	Meet your peer BRUS beer bar 20:00		Beat your peer Camping bar 19:00	Farewell and feedback	

Program is subject to change

Practical sessions:

P1: Basic TMS (safety, Neuronavigation and basic MEP measures) – Center C/D labs, *Lasse Christiansen, Sofus AD Nygaard, Mads AJ Madsen*

P2: Conditioning TMS to understand physiology – Center C/D labs, *Sofus AD Nygaard, Lasse Christiansen, Mads AJ Madsen*

P3: Basic TES safety & applications – Center C/D labs, *Axel Thielscher, Ikko Kimura, Armita Faghani & Jonas Laugesen*

P4: TMS/TDCS field calculations – Afternoon auditorium, *Jesper Duemose*

P5: NTBS-EEG: The TEP – Center C/D labs, *Xavi Corominas-Teruel*

P6: NTBS-EEG: Oscillations, real and sham t

heta-burst – Center E labs, *Armita Faghani*

P7: TMS neurological assessment and what to do in case of seizure and syncope– Center E labs, *Sofus AD Nygaard & Hartwig R. Siebner*

Master Classes:

MC1: Transcranial Focused Ultrasound Stimulation (Physics and application) – *Axel Thielscher, Xavi Corominas-Teruel*

MC2: Electrodes (wireless electrical stimulation) – *Marom Bikson*