

	27/11 Day 1 The Basics of TMS	28/11 Day 2 The Basics of TES	29/11 Day 3 Multimodal NTBS	30/11 Day 4 TUS & Clinical applications	01/12 Day 5 CoBS symposium
08:15-08:45	Breakfast				CoBS symposium
08:45-09:15	Welcome <i>Hartwig Siebner, Mads AJ Madsen, 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>	
09:15-10:00 Lecture	Physics and Biophysics of TMS <i>Axel Thielscher</i>	Physics and Biophysics of TES <i>Oula Puonti</i>	NTBS & Neuroimaging <i>Hartwig Siebner</i>	Principles and application of TUS <i>Axel Thielscher</i>	
10:00-10:45 Lecture	Neurophysiological principles of TMS <i>Hartwig Siebner</i>	Neurophysiological principles of TES <i>Hartwig Siebner</i>	Principles of TMS-EEG <i>Leo Tomasevic</i>	Principles of NTBS-fMRI <i>Axel Thielscher</i>	
10:45-11:00	Coffee break				
11:00-11:45	Mapping with TMS <i>Lasse Christiansen</i>	Modulating neural activity with TES <i>Anke Karabanov</i>	NTBS: Therapeutic perspectives in Psychiatry <i>Frank Padberg</i>	NTBS: Therapeutic perspectives in Neurology <i>Hartwig Siebner</i>	
11:45-12:30	Modulating neural activity with TMS <i>Lasse Christiansen</i>	Introduction to SimNIBS <i>Jesper Duemose</i>	Principles of EEG-TMS <i>Kristoffer Madsen</i>	Lunch	
12:30-13:15	Lunch			Group 1: P7 Group 2: P8 Group 3: P9	
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>		
13:45-15:00 Practical I	Group 1: P1 Group 2: P2 Group 3: P3	Group 1: P2 Group 2: P3 Group 3: P1	Group 1: P5 Group 2: P6 Group 3: P4	Group 1: P8 Group 2: P9 Group 3: P7	
15:00-15:30	Coffee break				
15:30-16:45 Practical II	Group 1: P3 Group 2: P1 Group 3: P2	Group 1: P4 Group 2: P5 Group 3: P6	Group 1: P6 Group 2: P4 Group 3: P5	Group 1: P9 Group 2: P7 Group 3: P8	
Evening socials	Meet your peer BRUS beer bar 20:00		Beat your peer Camping bar 19:00		

Program is subject to change

Practical sessions:

P1: Lab safety, Neuronavigation and basic MEP measures, *Lasse Christiansen*

P2: TMS motor mapping, *Mads AJ Madsen*

P3: TMS/TDCS field calculations, *Jesper Duemose*

P4: Basic TES applications, *Mia Kolmos*

P5: NTBS-EEG: the TEP, *Mikkel Malling Beck*

P6: NTBS-EEG: Oscillations, *Armita Faghani*

P7: TUS demonstration and application, *Mikkel Malling Beck*

P8: TMS neurological assessment, *Sofus AD Nygaard*

P9: Conditioning TMS to understand physiology, *Lasse Christiansen*