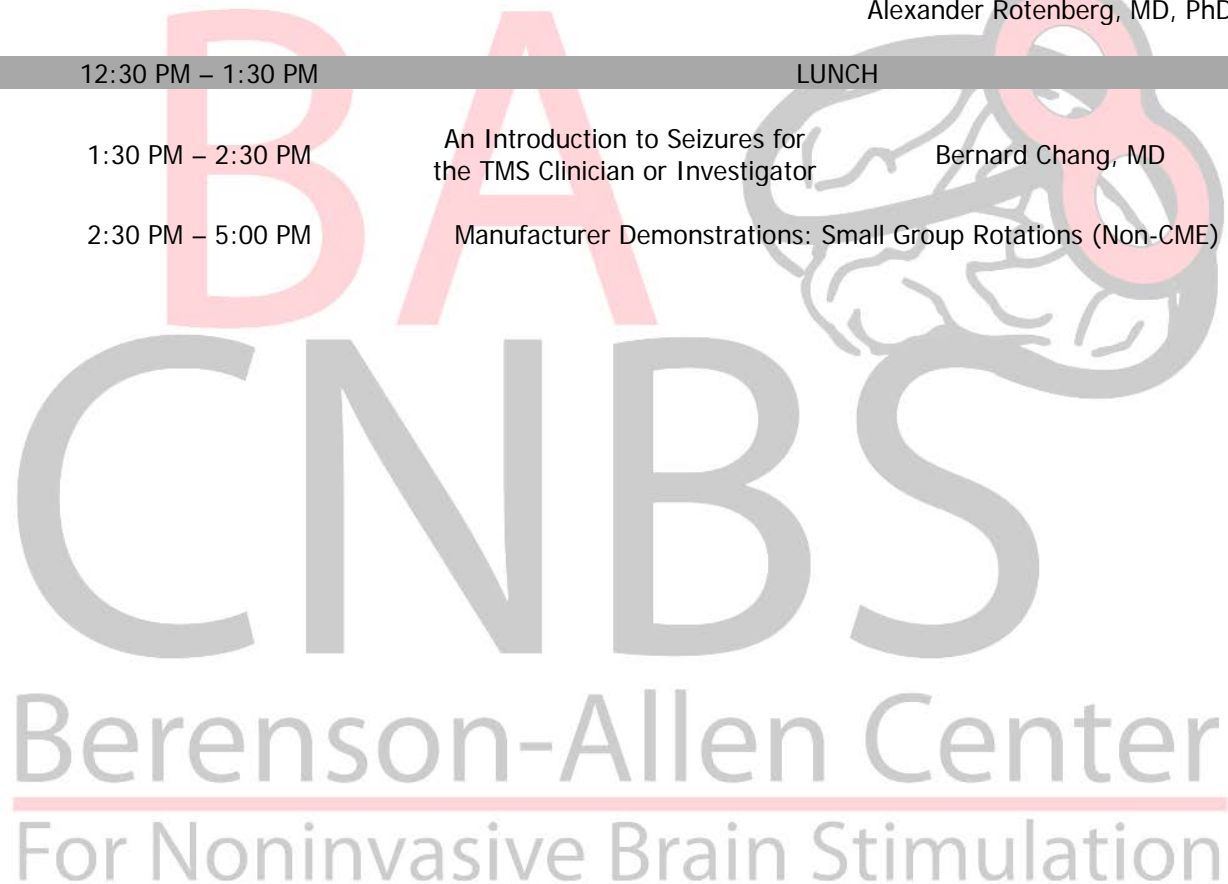


Monday, October 23, 2017

Location: Kirstein Living Room

TIME	LECTURE	SPEAKER
9:30 AM – 10:00 AM	Breakfast, Registration & Welcome	
10:00 AM – 10:30 AM	Introduction to the TMS Course	Alvaro Pascual-Leone, MD, PhD Dylan Edwards, PhD Alexander Rotenberg, MD, PhD
10:30 AM – 11:30 AM	TMS Basics	Alvaro Pascual-Leone, MD, PhD
11:30 AM – 12:30 PM	Discussion of Videos	Alvaro Pascual-Leone, MD, PhD Dylan Edwards, PhD Alexander Rotenberg, MD, PhD
12:30 PM – 1:30 PM	LUNCH	
1:30 PM – 2:30 PM	An Introduction to Seizures for the TMS Clinician or Investigator	Bernard Chang, MD
2:30 PM – 5:00 PM	Manufacturer Demonstrations: Small Group Rotations (Non-CME)	



Tuesday, October 24, 2017

Location: Kirstein Living Room

TIME	LECTURE	SPEAKER
7:30 AM – 8:00 AM	Breakfast Reception	Alvaro Pascual-Leone, MD, PhD Dylan Edwards, PhD Alexander Rotenberg, MD, PhD
8:00 AM – 9:15 AM	Clinical Applications and Depression Evidence	Adam Stern, MD
9:15 AM – 9:30 AM	FIFTEEN-MINUTE BREAK	
9:30 AM – 10:45 AM	Setting up a TMS Clinic	Dan Press, MD
10:45 AM – 12:00 PM	Network Imaging	Michael Fox, MD, PhD
12:00 PM – 1:00 PM	LUNCH	
1:00 PM – 4:30 PM	Hands-On Sessions: Small Group Rotations	

	<b>Motor Hotspot/Threshold</b> <i>Pete Fried, PhD</i> Lab 4	<b>Motor Hotspot/Threshold</b> <i>Paula Davila-Perez, MD</i> Lab 4	<b>Motor Hotspot/Threshold</b> <i>Ali Jannati, MD, PHD</i> CRC	<b>Motor Hotspot/Threshold</b> <i>Franziska Plessow, PhD</i> Lab 2
1:00 PM – 3:00 PM	<b>Red Group</b>	<b>Purple Group</b>	<b>Green Group</b>	<b>Blue Group</b>
3:00PM – 3:15PM	Transition			
3:15PM – 3:30 PM	FIFTEEN-MINUTE BREAK (Kirstein Living Room)			
	<b>Phosphene Hotspot/Threshold</b> <i>Pete Fried, PhD</i> Lab 4	<b>Phosphene Hotspot/Threshold</b> <i>Paula Davila-Perez, MD</i> Lab 4	<b>Phosphene Hotspot/Threshold</b> <i>Ali Jannati, MD, PHD</i> CRC	<b>Phosphene Hotspot/Threshold</b> <i>Franziska Plessow, PhD</i> Lab 2
3:30 PM – 4:30 PM	<b>Red Group</b>	<b>Purple Group</b>	<b>Green Group</b>	<b>Blue Group</b>

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Wednesday, October 25, 2017

Location: Kirstein Living Room

TIME	LECTURE	SPEAKER
7:30 AM – 8:00 AM	Breakfast Reception	Alvaro Pascual-Leone, MD, PhD Dylan Edwards, PhD Alexander Rotenberg, MD, PhD
8:00 AM – 9:15 AM	TMS Physics: Quantitative Aspects of Targeting and Dosing	Aapo Nummenmaa, PhD
9:15 AM – 10:15 AM	Special Populations	Alexander Rotenberg, MD, PhD
10:15 AM – 10:30 AM	FIFTEEN-MINUTE BREAK	
10:30 AM – 11:30 AM	TMS in Animal Models: Methods & Applications	Alexander Rotenberg, MD, PhD
11:30 AM – 12:45 PM	LUNCH	
12:45 PM – 4:30 PM	Hands-On Sessions: Small Group Rotations	

	<b>Paired Pulse</b> <i>Joyce Gomes, PhD</i> Lab 4	<b>Central Motor Conduction Time</b> <i>Paula Davila, MD and Peter Fried, PhD</i> CRC	<b>Neuronavigation Demonstration</b> <i>Ali Jannati, MD</i> Lab 2
12:45 PM – 1:45 PM	GROUP A	GROUP B	GROUP C
1:45 PM – 2:00 PM	Transition		
2:00 PM – 3:00 PM	GROUP B	GROUP C	GROUP A
3:00 PM – 3:15 PM	Transition		
3:15 PM – 3:30 PM	FIFTEEN-MINUTE BREAK (KS-170)		
3:30 PM – 4:30 PM	GROUP C	GROUP A	GROUP B

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Thursday, October 26, 2017

Location: Kirstein Living Room

TIME	LECTURE	SPEAKER	
7:30 AM – 8:00 AM	Breakfast Reception	Alvaro Pascual-Leone, MD, PhD Dylan Edwards, PhD Alexander Rotenberg, MD, PhD	
8:00 AM – 9:15 AM	Neurological Applications	Mouhsin Shafi, MD, PhD	
9:15 AM – 10:30 AM	TMS and Imaging	Mark Halko, PhD	
10:30 AM – 10:45 AM	FIFTEEN-MINUTE BREAK		
10:45AM – 12:00PM	TMS and Behavioral Interventions: Considerations	Dylan Edwards, PhD	
12:00 PM – 1:00PM	LUNCH		
1:00 PM – 4:45 PM	Hands-On Sessions: Small Group Rotations		
	<b>Peripheral and Central Stimulation</b> <i>Mar Cortes, MD</i> CRC	<b>Measures of Plasticity</b> <i>Joyce Gomes, PhD</i> Lab 4	<b>Clinical Program Demonstration</b> <i>Carrie Hinchman, BS</i> Exam Room and Lab 6
1:00PM – 2:00PM	GROUP A	GROUP B	GROUP C
2:00PM – 2:15PM	Transition		
2:15PM – 3:15PM	GROUP B	GROUP C	GROUP A
3:15PM – 3:30PM	Transition		
3:30PM – 3:45PM	FIFTEEN-MINUTE BREAK (Kirstein Living Room)		
3:45PM – 4:45PM	GROUP C	GROUP A	GROUP B
6:00 PM – 9:00 PM	Course Dinner	TBD	

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Friday, October 27, 2017

Location: Kirstein Living Room

TIME	LECTURE	SPEAKER
7:30 AM – 8:00 AM	Breakfast Reception	Alvaro Pascual-Leone, MD, PhD Dylan Edwards, PhD Alexander Rotenberg, MD, PhD
8:00 AM – 9:15 AM	State-Dependent Interactions of Transcranial Magnetic Stimulation	Peter Fried, PhD
9:15 AM – 10:30 AM	Translational Value of TMS Studies in Healthy Subjects Into Clinical Populations	Shirley Fecteau, PhD
10:30 AM – 10:45 AM	FIFTEEN-MINUTE BREAK	
10:45 AM – 12:00 PM	TMS and EEG: Methodological Issues and Clinical Application	Mouhsin Shafi, MD, PhD
12:00 PM – 1:00 PM	LUNCH	
1:00 PM – 1:45 PM	Course Completion Quiz	Alvaro Pascual-Leone, MD, PhD Dylan Edwards, PhD Alexander Rotenberg, MD, PhD
1:45 PM – 2:30 PM	Question and Answer	Alvaro Pascual-Leone, MD, PhD Dylan Edwards, PhD Alexander Rotenberg, MD, PhD
2:30 PM – 2:45 PM	FIFTEEN-MINUTE BREAK	
2:45 PM – 3:00 PM	COURSE PHOTO	
3:00 PM – 5:00 PM	Quiz Review and Certificates	Alvaro Pascual-Leone, MD, PhD Dylan Edwards, PhD Alexander Rotenberg, MD, PhD

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