

Introduction to Transcranial Current Stimulation (tCS) in Neuropsychiatric Research
 October 31 – November 1, 2017

October 30, 2017

Location: Kirstein Living Room

TIME	LECTURE	SPEAKER
9:30AM – 10:00AM	Breakfast, Registration & Welcome	
10:00 AM – 10:30 AM	Introduction and Course Goals	Alvaro Pascual-Leone, MD, PhD Emiliano Santarnecchi, PhD
10:30 AM – 11:30AM	Introduction to tCS	Alvaro Pascual-Leone, MD, PhD
11:30 AM -12:30 PM	Basic Principles of tDCS	Felipe Fregni, MD
12:30 PM – 1:30PM	LUNCH	
10:45AM – 11:45 PM	Basic Principles of tACS	Emiliano Santarnecchi, PhD
2:30 PM – 3:30PM	Basic Principles of tRNS: Theory and Application	Shirley Fecteau, PhD
3:30PM – 3:45PM	FIFTEEN-MINUTE BREAK	
3:45 PM – 5:00PM	Panel Discussion: Clinical Applications of tCS	Alvaro Pascual-Leone, MD Felipe Fregni, MD Emiliano Santarnecchi, PhD
5:00PM – 6:00PM	Manufacturer Demonstrations: Small Group Rotations (Non-CME)	
	Neuroelectrics Kirstein Living Room	EB Neuro
5:00PM – 5:30PM	Group A	Group B
5:30PM – 6:00PM	Group B	Group A

Berenson-Allen Center
 For Noninvasive Brain Stimulation

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Location: Leventhal Conference Room

TIME	LECTURE	SPEAKER
8:00 AM – 8:30 AM	Breakfast Reception	Alvaro Pascual-Leone, MD, PhD Emiliano Santarnecchi, PhD
8:30 AM – 9:30 AM	Behavioral and Motor Intervention Research Using tCS	Dylan Edwards, PhD
9:30 AM – 10:30 AM	tCS and MRI	Shirley Fecteau, PhD
10:30AM – 10:45 AM	FIFTEEN-MINUTE BREAK	
10:45 PM – 11:45 PM	tCS in Preclinical Models	Alexander Rotenberg, MD, PhD
11:45 PM – 12:45 PM	LUNCH	
12:45PM – 2:15 PM	Mechanisms of Transcranial Current Stimulation	Flavio Frohlich, PhD
2:15PM-2:30PM	FIFTEEN-MINUTE BREAK	
2:30 PM – 3:30 PM	Modeling and Optimization of Transcranial Neuromodulation	Dana Brooks, PhD
3:30 PM – 4:30 PM	Exercise, Gait, Balance, and tCS	Brad Mannor, MD
4:30 PM – 5:30PM	tCS and EEG	Faranak Farzan, PhD

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November 1, 2017

Location: Trustman Board Room

TIME	LECTURE	SPEAKER
8:00 AM – 8:30 AM	Breakfast Reception	Alvaro Pascual-Leone, MD, PhD Emiliano Santarnecchi, PhD
8:30 AM – 9:00 AM	Recap of Days 1 and 2	Alvaro Pascual-Leone, MD, PhD Emiliano Santarnecchi, PhD
9:00 AM – 10:00 AM	tCS in Cognitive Neurosciences	Lorella Battelli, PhD
10:00 AM – 10:30 AM	FIFTEEN-MINUTE BREAK	
10:30 AM – 11:30 AM	Regulation and “DIY” use of tCS	Ana Wexler, PhD
11:30 AM – 12:30 PM	Lunch Time Panel Discussion: Enhancement of Humans	Alvaro Pascual-Leone, MD, PhD Emiliano Santarnecchi, PhD
12:30 PM – 1:00PM	Break	
1:00 PM – 3:00 PM	Hands-On Sessions: Small Group Rotations	
	tDCS Setup and Demonstration <i>Paula Davila, MD</i> <i>CNBS Conference Room</i>	tACS Setup and Demonstration <i>Veronica Chen, BS</i> <i>Trustman Board Room</i>
1:00 PM – 2:00 PM	GROUP A	GROUP B
2:00 PM – 3:00 PM	GROUP B	GROUP A
3:00 PM – 3:15 PM	FIFTEEN-MINUTE BREAK	
3:15 PM – 3:30 PM	Course Photo	
3:30 PM – 5:00 PM	Final Quiz, Q&A, Quiz Review	Alvaro Pascual-Leone, MD, PhD Emiliano Santarnecchi, PhD

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