



Fifth ANDREA Training Course

Geneva (Switzerland), 25 June 2016

A satellite event at the Annual Meeting of the OHBM

9:00-9:10	Welcome and Introduction	<i>Silvia Comani</i>	BIND Centre, University of Chieti, Italy
HW developments			
9:10-9:40	Dry electrode coating	<i>Carlos Fonseca</i>	University of Porto, Portugal
9:40-10:10	Dry electrode caps	<i>Jens Haueisen</i>	BMTI, Technical University of Ilmenau, Germany
10:10-10:40	Dry electrode electronics	<i>Frank Zanow</i>	eemagine Medical Imaging Solutions GmbH, Berlin, Germany
Coffee break			
Pre-processing of the dry EEG signals			
11:00-11:30	The Fingerprint method to reject artifacts from EEG signals	<i>Silvia Comani</i>	BIND Centre, University of Chieti, Italy
11:30-12:00	A novel spatial filtering to reject artifacts from EEG signals	<i>Uwe Graichen</i>	BMTI, Technical University of Ilmenau, Germany
12:00-12:30	<i>Dry electrode EEG system demonstration</i>		
Lunch break			
Applications with dry electrodes			
14:00-14:30	Dry EEG acquisitions and artifacts rejection in athletes	<i>Maurizio Bertollo</i>	BIND Centre, University of Chieti, Italy
14:30-15:00	Dry EEG acquisition and artifacts rejection in neurological patients	<i>Lorenzo Schinaia</i>	Casa di Cura Privata Villa Serena, Pescara, Italy
15:00-15:50	Validation of the novel spatial filtering in healthy adults	<i>Patrique Fiedler</i>	BMTI, Technical University of Ilmenau, Germany
Coffee break			
Future perspectives with dry EEG monitoring			
15:50-16:20	Dry electrodes for BCI	<i>Bram van de Laar</i>	ANT Neuro b.v., Enschede, The Netherlands
16:20-16:50	Dry electrodes for at risk neonates monitoring	<i>Jeroen Dudink</i>	Erasmus University Medical Centre, Rotterdam, The Netherlands
16:50-17:00	Closing remarks	<i>Jens Haueisen</i>	BMTI, Technical University of Ilmenau, Germany

Registration required, but free of charge.

For further information, please visit the ANDREA website (www.andreaproject.eu)