

# BIOMAG 2018

## PROGRAM AT A GLANCE

	Franklin Hall B	Grand Ballroom E-F	Grand Ballroom A-B	Grand Ballroom C-D
<b>SUNDAY, AUGUST 26, 2018</b>				
		<b>SATELLITE SESSIONS</b>		
10:00 AM - 5:00 PM	<b>EXHIBITS HALL OPEN</b> 9:00 AM - 7:00 PM	<b>SESSION A:</b> Advances in Biomagnetic Signal Analysis	<b>SESSION B:</b> How to use optically pumped magnetometers	<b>SESSION C:</b> MEG North America
1:00 PM - 5:00 PM				
5:30 PM - 7:00 PM	Opening Ceremony /Welcome Reception			
<b>MONDAY, AUGUST 27, 2018</b>				
7:30 AM - 8:30 AM	Exhibit Hall Open 7:30 AM - 7:30 PM			<b>CATEGORICAL SESSION:</b> Source Localization & What Type of Epilepsy Needs MEG?
9:00 AM - 11:00 AM		<b>PLENARY 1:</b> Non sinusoidal and bursting oscillations in task and disease		
11:00 AM - 11:30 AM		<b>BREAK IN EXHIBIT HALL</b>		
11:30 AM - 12:30 PM		<b>KEYNOTE SPEAKER:</b> Matti Hamalainen, PhD		
12:30 PM - 1:30 PM		<b>LUNCH ON YOUR OWN (1 HOUR)</b>		
1:30 PM - 3:00 PM	<b>POSTER SESSION M1:</b> Resting state/functional connectivity #1			
3:00 PM - 5:00 PM	<b>EXHIBIT HALL OPEN</b>	Young Investigator Award Finalists Symposium	<b>PANEL SESSION 1:</b> Optimising spatial resolution for EEG/MEG connectivity and pattern information analyses	<b>PANEL SESSION 2:</b> Advanced MEG/EEG source analysis in epilepsy
5:00 PM - 6:00 PM		From the Vendors' Perspective		
6:00 PM - 7:30 PM	<b>POSTER SESSION M2:</b> "Algorithms and Source Estimation"			
<b>TUESDAY, AUGUST 28, 2018</b>				
7:30 AM - 8:30 AM	EXHIBIT HALL OPEN 7:30 AM - 6:30 PM			<b>CATEGORICAL SESSION:</b> Oscillations Dynamics of Motor Control & Mapping and Decoding Brain Function
9:00 AM - 11:00 AM		<b>PLENARY 2:</b> New Developments in Optically Pumped Magnometry		
11:00 AM - 11:30 AM		<b>BREAK IN EXHIBIT HALL</b>		
11:30 AM - 12:30 PM		<b>KEYNOTE SPEAKER:</b> Patricia K. Kuhl, PhD		
12:30 PM - 1:30 PM		<b>LUNCH ON YOUR OWN (1 HOUR)</b>		
1:30 PM - 3:00 PM	<b>POSTER SESSION T1:</b> "Sensory Systems and Motor #1"			Data Analysis Competition
3:00 PM - 5:00 PM	<b>EXHIBIT HALL OPEN</b>	<b>PANEL SESSION 3:</b> Neuropsychiatric Insights From MEG	<b>PROFFERED ABSTRACTS I:</b> Interventions Stimulation	<b>PANEL SESSION 4:</b> Multiple, Variable Alphas: Novel Insights Into The Properties Of The Brain's Dominant Rhythm(s)
5:00 PM - 6:30 PM	<b>POSTER SESSION T2:</b> "Resting state #2, Sensory #2 and Clinical"			
7:00 PM - 10:00 PM	<b>GALA:</b> Philadelphia Museum of Art			
<b>WEDNESDAY, AUGUST 29, 2018</b>				
7:30 AM - 8:30 AM	EXHIBIT HALL OPEN 7:30 AM - 6:30 PM			<b>CATEGORICAL SESSION:</b> Clinical Use of MEG in the Memory Clinic and in MS & MEG in Clinical Pediatrics: Developmental Considerations and Effect of Early Brain Lesions
9:00 AM - 11:00 AM		<b>PLENARY 3:</b> Open Science		
11:00 AM - 11:30 AM		<b>BREAK IN EXHIBIT HALL</b>		
11:30 AM - 12:30 PM		<b>KEYNOTE SPEAKER:</b> Stephanie R. Jones, PhD		
12:30 PM - 1:00 PM		<b>LUNCH ON YOUR OWN (30 MIN)</b>		
1:00 PM - 2:15 PM	Business Meeting with James Zimmerman Prize Award Presentation & Lecture			
2:15 PM - 3:00 PM	<b>POSTER SESSION W1:</b> "Hardware"			
3:00 PM - 5:00 PM	<b>EXHIBIT HALL OPEN</b>	<b>PANEL SESSION 5:</b> Neuronal Oscillations At Multiple Spatio-Temporal Scales: From Methods To Brain's Function And Dysfunction(s)	<b>PROFFERED ABSTRACTS II:</b> New Approaches to Magnetocardiography	<b>PANEL SESSION 6:</b> Investigating The Sleeping Brain Using MEG
5:00 PM - 6:30 PM	<b>POSTER SESSION W2:</b> "Higher Cognitive Processes"			
<b>THURSDAY, AUGUST 30, 2018</b>				
7:30 AM - 8:30 AM	EXHIBIT HALL OPEN 7:30 AM - 11:30 AM			<b>CATEGORICAL SESSION:</b> Optically Pumped Magnetometry for MEG: Towards Clinical Translation & Robust Oscillatory and Neurochemical Biomarkers in Schizophrenia: Integrating MEG, fMRS and Modelling
9:00 AM - 11:00 AM		<b>PANEL SESSION 7:</b> Multimodal Imaging With Magnetic Resonance And MEG	<b>PANEL SESSION 8:</b> Temporal And Spectral Properties Of Hub Networks	<b>PANEL SESSION 9:</b> MEG Connectome In Childhood Disease
11:00 AM - 11:30 AM	<b>BREAK IN EXHIBIT HALL</b>			
11:30 AM - 1:30 PM	<b>PANEL SESSION 10:</b> MEG Connectomics For Understanding Healthy And Disordered Networks	<b>PANEL SESSION 11:</b> From Neural Activity To Multivariate Patterns In MEG: Recent Advances, Challenges, And Future Prospects	<b>PANEL SESSION 12:</b> Thinking Outside The Brain Box: Using MEG To Assess Oscillatory Coupling Between The Brain And The Body	
1:30 PM - 2:00 PM	<b>CLOSING REMARKS</b>			