



## 2025 ACMEGS Annual Meeting

Thursday, February 27, 2025

Baltimore Marriott Waterfront · Baltimore, Maryland

<b>7:30 - 8:00am</b>	<b>Breakfast</b>
<b>8:00 - 8:45am</b>	<b>Opening Session</b>
8:00am	ACMEGS Presidential Address <i>Ismail Mohamed, MD</i>
8:10am	ACMEGS Legacy Awards Introduction <i>Anto I. Bagić, MD, PhD, Awards Committee Chair</i>
8:10am	ACMEGS Legacy Award Presentation & Laudation <i>Michael E. Funke, MD, PhD</i>
8:15am	Legacy Award Remarks: Revolutions in Magnetoencephalography – Past and Future <i>Richard C. Burgess, MD, PhD</i>
8:30am	Discussion
<b>8:40 – 9:45am</b>	<b>Session 1: Controversies in Clinical MEG</b>
<i>Session Chair: Hesham Ghonim, MD</i>	
8:40am	Why MEG is Not a First Tier Presurgical Modality? <i>Anto I. Bagic, MD, PhD</i>
9:05am	The Relationship Between MEG and SEEG: Can MEG Replace Invasive Monitoring? <i>Richard C. Burgess, MD, PhD</i>
9:30am	Discussion
<b>9:45 - 10:00am</b>	<b>Coffee Break</b>
<b>10:00 – 11:30am</b>	<b>Session 2: New Approaches to MEG Language Mapping</b>
<i>Session Chair: Susan Bowyer, PhD</i>	
10:00am	MEG Clinical Language Mapping: Localization vs Lateralization <i>Susan Bowyer, PhD</i>
10:30am	Multimodal Language Mapping <i>Abbas Babajani-Feremi, PhD</i>
11:00am	Beyond Power: Connectivity-Based Language Mapping <i>Darren Kadis, Hon.BSc, MA, PhD</i>
<b>11:30am</b>	<b>ACMEGS Photo Shoot</b>
<b>11:30am – 12:45pm</b>	<b>Lunch</b>

**1:15 – 2:15pm Session 3: MEG in Mood & Cognition**

*Session Chair: Elizabeth Davenport, PhD*

1:15pm The Longitudinal Concussion Neuroimaging Study- Preliminary Data  
*Elizabeth Davenport, PhD*

1:45pm Early Neural Oscillatory Changes Along the Alzheimer's Continuum  
*Amy Proskovec, PhD*

**2:15 – 3:45pm Session 4: New Innovations in MEG Source Localization**

*Session Chair: Christos Papadelis, PhD*

2:15pm Novel Interictal Biomarkers for Delineating the Epileptogenic Zone  
*Christos Papadelis, PhD*

2:45pm MEG Source Imaging of Deep Brain Activity  
*Christophe Grova, PhD*

3:15pm Accuracy of Different Distributed Source Models in Focal Epilepsy  
*Eliane Kobayashi, MD, PhD*

**3:45 – 4:00pm Coffee Break****4:00 – 5:30pm Session 5: Optically Pumped Magnetometers**

*Session Chair: Wenbo Zhang, MD*

4:00pm Technical Developments of a Whole Head OPM System  
*Svenja Knappe, PhD*

4:30pm Practical Experience with On-Scalp MEG Recordings  
*William Gaetz, PhD*

5:00pm Simultaneous MEG and SEEG Recordings  
*Jean-Michel Badier, PhD*

**5:30 – 5:45pm Update on Educational ACMEGS Initiatives****5:45 – 6:00pm Vendor Innovation and Plans**

MEGIN – *Elizabeth Bock & Gabrielle Richardson*

**6:00pm Conference Adjourn****6:00 – 6:15pm ACMEGS Business Meeting**

- President's Report - *Ismail Mohamed, MD, ACMEGS President*
- Financial Report – *Wenbo Zhang, MD, ACMEGS Treasurer*
- Membership Report – *Anto I. Bagic, MD, PhD, ACMEGS Membership Committee Chair*
- New Business
- Board Elections

**7:00pm ACMEGS Member Dinner** – Sabatino, 901 Fawn St, Baltimore, MD