



2022 ACMEGS Annual Meeting
Friday, May 20, 2022

9:00 - 9:30am ET Opening Session

Session Chair: Anto Bagic, MD, PhD; Pittsburgh, PA

- 9:00am ACMEGS Presidential Address
Jeffrey Tenney, MD, PhD; Cincinnati, OH
- 9:10am ACMEGS Legacy Award Presentation & Laudation
Susan Bowyer, PhD; Detroit, MI
- 9:15am Legacy Award Lecture
Gregory Barkley, MD; Detroit, MI

9:30 - 11:00am ET Session 1: Magnetoencephalography and Sleep

Session Chair: Mohamed Ismail, MD; Birmingham, AL

- 9:30am Review of Normal and Abnormal Sleep Neurophysiology
Joline Fan, MD, MS; San Francisco, CA
- 9:55am MEG Sedation
Jeffrey Tenney, MD, PhD; Cincinnati, OH
- 10:20am Sleep and Recording MEG – Towards a Standardized Protocol?
Valentia Gumenyuk, PhD; Omaha, NE
- 10:45am Discussion

11:00 - 11:15am ET Break

11:15am - 12:45pm Session 2: Advances in MEG Analysis

Session Chair: Jeffrey Tenney, MD, PhD; Cincinnati, OH

- 11:15am Recent Advances and Future Horizons for Clinical MEG Data Analysis
Christos Papadelis, PhD; Fort Worth, TX
- 11:40am MEG Imaging for Brain Tumor Mapping
Leighton Hinkley, PhD; San Francisco, CA
- 12:05pm Analysis Methods – The Statistical Considerations
John Mosher, PhD; Houston, TX
- 12:30pm Discussion

12:45 - 1:30pm ET Lunch Break

1:30 - 2:30pm ET Session 3: Potential New Clinical Indications

Session Chair: Andrew Zillgitt, DO; Royal Oak, MI

1:30pm Dementia
Fernando Maestu, PhD; Madrid, Spain

1:55pm The Impact of Head Impacts: MEG Signatures in Concussion
Elizabeth Davenport, PhD; Dallas, TX

2:20pm Discussion

2:30 - 3:25pm ET Session 4: Future Horizons

Session Chair: Wenbo Zhang, MD; Roseville, MN

2:30pm On-Scalp MEG: New Possibilities and Challenges
Matti Hamalainen, PhD; Charlestown, MA

2:55pm Source and Connectivity Imaging of Epileptogenic Brain from EEG/MEG
Bin He, PhD; Pittsburgh, PA

3:20pm Discussion

3:30 - 4:00pm ET Update on Educational ACMEGS Initiatives

ACMEGS Fellowship Initiative
Anto Bagic, MD, PhD

Research and Technician Subgroups
Susan Bowyer, PhD

4:00 - 4:20pm ET Vendor Innovations and Plans

4:20pm ET Meeting Adjourn

4:40-5:30pm ET ACMEGS Business Meeting

President's Report – *Jeffrey Tenney, MD, PhD, ACMEGS President*
Financial Report – *Ismail Mohamed, MD, ACMEGS Treasurer*
Membership Report – *Ismail Mohamed, MD, ACMEGS Treasurer*
New Business – *Jeffrey Tenney, MD, PhD*