

**Preliminary IPEG Meeting Program
Izmir, Turkey**

**21st-24th November 2024
Izmir University of Economics Faculty of Medicine**

KEYNOTE SPEAKERS:



Dr. Judith M. Ford - <https://scholar.google.de/citations>

Keynote lecture: “The use of EEG/ERP in Psychiatry”



Dr. Amit Etkin: <https://scholar.google.de/citations>

Keynote lecture: “Machine learning implementation on EEG”



Dr. Claudio Babiloni: <https://scholar.google.de/citations>

Keynote lecture: “The Dark Side of Precision Medicine in Alzheimer’s Disease between Brain Amyloidosis and Neurodegeneration”

SYMPOSIA & CONFIRMED SPEAKERS

1. Hans Berger symposium – 100 years of EEG

Dr. Sebastian Olbrich

Dr. Aydin Akan - “EEG Signal Processing and Classification Applications Using Machine and Deep Learning Methods”

Dr. Mahmoud Hassan - “Toward precision psychiatry using HD-EEG and normative modeling”

2. Sleep

Dr. Thorsten Mikoteit - "Predictive Biomarkers for Depression"

Dr. Cagatay Demirel - "Electrophysiological blueprint of lucid dreaming: sensor and source level signatures"

3. Psychedelics & EEG

Dr. Kate Godfrey

Dr. Tomas Palenicek - "Hyperscanning during Ayahuasca ceremony in the amazon – a field study"

Dr. Marek Nikolic - "The effects of intramuscular injection of 5-MeO-DMT on EEG – an observational field study"

Frank Zanow - "The effects of psychedelic meditation on EEG"

Cestmir Vejmola - "Neural correlates of visual perceptual alterations induced by psilocin in rats"

4. Translational/Industry

Dr. Stephanie Jones - "Computational Modeling and Analysis Tools for Understanding Pharmacodynamics of EEG Biomarkers"

Dr. Andrea Plano - "Pharmacological Effects of the Novel NR2B Modulator Bi 1569912 on EEG in a Phase I Study"

Dr. Aureli Soria-Frisch

Dr. Roger Redondo

Dr. Mihály Hajós

5. Clinical EEG/ From Childhood to Aging: Event-Related Potentials and Oscillations

Dr. Bahar Güntekin

Dr. Birgit Mathes - "Including EEG-Measures within longitudinal developmental studies-concepts and preliminary data from a German cohort study."

Dr. Görsev Yener - "Age-related aspects of gender differences in event-related oscillations"

Dr. Yağmur Özbek İşbitiren - "Changes in the EEG-Event related oscillations in mild cognitive impairment and healthy elderly with high and low depression symptoms"

6. AI & Beyond

Dr. Hanneke van Dijk

Dr. Nikita van.der.Vinne

Dr. Kjartan Frisch Herrik

Dr. Sebastian Olbrich