



IEEE EMBC 2023

IEEE EMBS Germany Chapter EMBC 2023 Recap

Join for free:

<https://meet.gwdg.de/b/the-bgr-gc8-pqc>

12:00 – 13:00

Organizers & contact:
IEEE EMBS Germany
Chapter & IEEE EMBS
Student Club Göttingen

Dr. Nicolai Spicher
nicolai.spicher@
med.uni-goettingen.de



04. September 2023

Prof. Dr. Thomas Penzel

Charité - Universitätsmedizin Berlin

*Heart rate variability during wake
time to predict sleep apnea severity*



04. September 2023

Dr. Carina Veil

Universität Stuttgart

*Impedance-Based Tumor
Differentiation in the Urinary Bladder*



11. September 2023

Hannes Oppermann

Technische Universität Ilmenau

*Transient bursts in single-trial EEG as
building blocks for the continuous brain
oscillations during photic driving*



11. September 2023

Dr. Felix Beierle

National Institute of Informatics (Japan)
Julius-Maximilians-Universität Würzburg

*Predicting Adherence to Ecological
Momentary Assessments*



18. September 2023

Prof. Dr. Christoph Hoog Antink

Technische Universität Darmstadt

*Automatic Generation of Labeled
Data for Video-Based Human Pose
Analysis via NLP applied to YouTube
Subtitles*



18. September 2023

Tugce Canbaz Gumussu

Universität Ulm

*Real-Time Detection of Sleep Arousals
with a Head-Mounted Accelerometer*



25. September 2023

Yi Lin Yeo

Technische Universität Ilmenau
& Universiti Teknologi Malaysia

*Linear versus Quadratic Detrending in
Analyzing Simultaneous Changes in
DC-EEG and Transcutaneous pCO₂*



25. September 2023

Jun.-Prof. Dr. Patrique Fiedler

Technische Universität Ilmenau

*A dry high density surface EMG patch
with 32 channels*



02. October 2023

Dr. Mostafa Haghi

HTWG Konstanz

*Identifying the region of interest in
cardiorespiratory measurement during
sleep*



02. October 2023

Prof. Dr. Daniel Baumgarten

UMIT Tirol

*Real-time EEG analysis for
neurofeedback applications: source,
functional connectivity and time-
frequency analysis*

