

The IPEG Meeting from 21st-25th November 2018 at the Psychiatric University Hospital (PUK) in Zurich, Switzerland



Dear colleagues, researchers and friends,

The International Pharmaco-EEG Society (IPEG, <http://www.ipeg-society.org>) is a professional association for researchers involved in electrophysiological brain research in preclinical and clinical pharmacology, neurotoxicology, personalized medicine and related areas.



The IPEG provides a platform for a vivid exchange of experiences, methods and opinions, as well as a place for networking with the community. The upcoming IPEG 2018 conference will allow researchers from all over the world - and from the clinic, academia or industry - to present their latest findings and discuss the progress of electrophysiological research in clinical and preclinical contexts.

The Keynote Speakers

We are glad to present the **following speakers** that will make the program state-of-the-art for electrophysiology research at a clinical and preclinical level:

1. [Franz Vollenweider, Zurich, Switzerland](#)
2. [Nikolai Axmacher, Bochum Germany](#)
3. [Derk-Jan Dijk, Guildford, England, UK](#)
4. [Nikos K. Logothetis, Tübingen, Germany](#)
5. [Daniel Brandeis, Zurich, Switzerland](#)
6. [Jonathan Downar, Toronto, Canada](#)
7. [Martijn Arns, Nijmegen, the Netherlands](#)

The Symposia

Following topics will be covered:

1. **Machine and Deep Learning in EEG research**
2. **Brain Stimulation and Electrophysiology**
3. **Psychedelic Drugs: Doors to new Treatment Approaches**
4. **Chronobiology and Sleep-Wake Regulation**
5. **Individualized medicine and EEG markers in treatment prediction**
6. **Preclinical and Animal research**
7. **Combining Modalities: EEG and MRI/PET research**

The Training Course

A **Training Course on the basics of EEG-research** is scheduled on the first day (Wednesday, 21st November 2018). This training will give young researchers the possibility to gain insight into basic and more advanced electrophysiological techniques. Planned topics include (with more to come):

1. **Deep Learning applied to EEG data**
2. **Sleep EEG: Processing of EEG data for Biomarker Research**
3. **Source Localisation: LORETA**
4. **EEG-Vigilance Analysis (VIGALL)**
5. **Clinical EEG**

In cooperation with **Parexel**, the IPEG also announces the '**Prof Werner M. Herrmann Prize**' which will be given to a young researcher for an outstanding presentation at the IPEG 2018 meeting (2000€).

Further, we are proud to be enabled by Yasmin Itil Leland to announce for the first time the '**Prof. Dr. Turan M. Itil, MD, FAPA, FACNP Memorial Grant**', which is aimed to support high-quality EEG scientists, future neuropsychiatrists, psychopharmacologists, electrophysiologists and inventors to participate and present at the IPEG biennial International Symposium and Training course.

[Submit oral presentations, symposia and posters](#) until August 31st.

or [Subscribe for the Meeting here](#): with Early Bird Fees until July 31st.

We are looking forward to an exciting meeting at the PUK Zurich in November 2018.



<p>Prof. Erich Seifritz Director of the Department for Psychiatry, Psychotherapy and Psychosomatics, University Hospital Zurich, Organizer</p>	<p>PD Dr. Sebastian Olbrich President of the IPEG, Department for Psychiatry, Psychotherapy and Psychosomatics, University Hospital Zurich, Organizer</p>	<p>Prof. Dr. Hans Peter- Landolt, Institute of Pharmacology and Toxicology, University Zurich, Scientific Committee</p>	<p>Prof. Dr. sc. nat. Thomas Koenig Department of Psychiatric Neurophysiology, University Hospital of Psychiatry, Bern, Scientific Committee</p>
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<p>Dr. Madelon Vollebregt Secretary of the IPEG, Brainclinics Research Institute, Nijmegen, The Netherlands, Organizer</p>	<p>Dr. Marcel Pawlowski Treasurer of the IPEG, Centre of Mental Health, Klinikum Ingolstadt, Germany, Organizer</p>
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Additional scientific advice by:

Prof. Dr. Christopher Pryce, Laboratory Head Preclinical Lab for
Translational Research, Department of Psychiatry, Psychotherapy and
Psychosomatics, University Hospital Zurich

Local Organizing Committee:

Sebastian Olbrich
Erna Silvestri
Tania Villar