







Psychiatrische Universitätsklinik Zürich

Der Balgrist

Hochschulmedizin Zürich



Kleiner Hörsaal Pathologie PATH C 22, University Hospital Zürich, 5:00pm-6:00pm

Dear colleague

We see an increasing need for PhDs and MDs to communicate in an interdisciplinary world. Therefore, we want to encourage and facilitate the exchange between engineers, clinicians, health and data scientists, especially junior researchers, by providing a platform to meet, interact and discuss research topics and build a community of researchers in Zurich who focus on physiological monitoring and artificial intelligence in medicine.

We have set up a seminar series called Medical Sensors & Data Processing (MSDP) with the aim to strengthen the exchange of ideas and methods and give researchers of all academic levels the opportunity to present their work and network.

The seminar is supported by the Hochschulmedizin Zurich and is available as credit option (1 ECTS) for doctoral students. The seminars are open to all researchers and clinicians of ETH, UZH, and all **University Hospitals.** We aim to have presentations that are focussed, but relevant to an interdisciplinary audience with medical and/or engineering backgrounds.

You and your team are cordially invited to join the seminars and contribute to the discussions and presentations. The seminar series will start in the fall semester. The seminar program is also attached to this letter. More information on the seminar series and an importable calendar entry can be found on this website: <a href="https://www.mhsl.hest.ethz.ch/education/msdp.html">www.mhsl.hest.ethz.ch/education/msdp.html</a>

Please share this information with your team and colleagues.

With kind regards

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Programm, calendar and updates:

www.mhsl.hest.ethz.ch/education/msdp.html

## Program fall semester 2018

18-09-2018	<i>Alexander Malafeev</i> Inst. of Pharmacology & Toxicology, University of Zurich	Analysis of EEG signals with Deep Learning
02-10-2018	<i>Philipp Schönle</i> Integrated Systems Laboratory D-ITET, ETH Zurich	<i>VivoSoC</i> : A system-on-chip and hardware platform for wearable medical instrumentation
16-10-2018	Alexander Kalyanov Biomedical Optics Research Lab, Div. of Neonatology, USZ	Imaging of tissue oxygenation with time-of- flight camera
30-10-2018	<i>Jelena Skorucak</i> Inst. of Pharmacology & Toxicology, University of Zurich	EEG data processing for automatic microsleep detection
13-11-2018	Andrea Kegel Lab for Experimental Audiology, USZ <i>Vincent Meyer</i> Sonova AG	How can we support hearing research with mobile phone
27-11-2018	<i>Giacomo Indiveri</i> Neuromorphic Cognitive Systems Group, Inst. of Neuroinformatics, UZH and ETH Zurich	Neuromorphic architectures for real-time processing of bio-signals
11-12-2018	<i>Jelena Dragas</i> Mobile Health Systems Lab IRIS, D-HEST, ETH Zurich	Position tracking in medicine, using inertial sensors





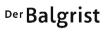




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