



UNIVERSITÄT
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Brain &
Behaviour
Lab
FaisalLab.org

Chair in Digital Health - Prof. Dr. Aldo Faisal



Ethomics = Ethology + Omics

Human Ethomics

International Workshop on Real-world
Neuroscience, Digital Biomarkers,
Clinical Applicials & AI for Health

Monday, 30.June- 1. July

Location: Alte Spinnerei 233, Hans Hacker Str. 10

Campus Kulmbach, Universität Bayreuth, Germany

Please register via email to faisal_lab@uni-bayreuth.de

The workshop is accredited as continuing medical education by the Bavarian State Medical Association (No. 1451157)



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Agenda Monday, 30.06.25

Foundation & Mechanism

9:30 Prof. Dr. Aldo Faisal (Universität Bayreuth & Imperial College London): Chair's note -
Unlocking understanding with data-driven human behaviour

10:00 Prof. Dr. Greg Stephens (Vrije University Amsterdam & Okinawa Institute): Quantitative
models of Behaviour

11:00 Prof. Dr. Constantin A. Rothkopf (TU Darmstadt): Computational elements of human
ethomics

12:00 Dr. Shlomi Haar (Imperial College London): Real-World Neurobehavioral Tracking of
Parkinson's Disease and Treatment Effects

Lunch Break followed by **Guided walk & tour Quantitative Live-in-Lab (QLiLa)** with **Dr. Chaoyan
Auepanwiriyaikul & Lena Patricia Nieper (Universität Bayreuth)**

Clinical Applications (Chair: Sinead O'Connor, Ethomix Ltd)

15:00 Prof. Dr. Martin Daumer: Wearables for MS

15:40 Dr. med. Amr Nimer (Imperial College London): The Ethomics of Neurosurgery: how machine
learning can help identify signatures of surgical expertise

16:20 Dr. med. Lars Masannek (Universitätsklinikum Düsseldorf): Digital Health Technologies –
Concepts and Clinical Translation.

17:00 Networking Break with Poster Session

18:00 Round Table (live streamed) Human Behaviour: Unlocking the Missing Vital Sign with AI

This round table is organised & broadcast in cooperation with the *Gesellschaft für Digitale Medizin*

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Agenda Tuesday, 01.07.25

Track A:

9:00 Motion Capture Training Workshop for Clinical Trials & Assessments with Dr. med. Amr Nimer and Dr. Chaiyawan Auepanwiriyaikul (registration required)

(Venue: Alte Spinnerei 124)

11:00 Research Collaborators Workshop with Spot Lights (by invitation)

Track B:

9:00 Investigator's Networking Breakfast & Coffee in Kulmbach

(by invitation)

13:00 Lunch

14:30 Tour & Talk at Klinikum Kulmbach

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