

MIC Festival 2022 – preliminary Program

Success by imaging: How to lift my research to the next level

9th June 2022

- 09:00 **Welcome** - Dean M. Müller (MUW); W. Weninger (MIC)
- 09:10 **Keynote Lecture:** Chair: TBD
Success by science? N. Popper (TU Wien)
- 09:50 **Success by imaging technology:** Chair: TBD
- 09:50 *Development of a deeper understanding of molecular mechanisms using imaging probes to predict therapeutic efficiency* (W. Wadsak)
- 10:00 *Imaging in Network Medicine* (M. Mitterhauser)
- 10:10 *Unconventional optical microscopy modalities with medical diagnostic and prognostic potential* (K. Elsayad)
- 10:20 *AI and imaging - the glue that links modalities* (G. Langs, W. Birkfellner)
- 10:30 **Promotional film**
- 10:45 **Coffee Break** (exhibition)
- 11:00 **Multi-Cluster-Roundtable**, Moderation: H. Redl
„Together makes us stronger!“
R. Valenta (Immunology), TBD (Cancer Research and Oncology), D. Pollak (Medical Neuroscience), I. Lang (Cardiovascular Medicine), W. Weninger (Medical Imaging)
- 12:00 **Lunch and Postersession**
- 13:00 **Success by imaging application:** Chair: TBD
- 13:00 *Quantitative Clinical Imaging* (TBD)
- 13:10 *Telemedicine in the retina: A pioneering role* (TBD)
- 13:20 *Theranostics - Quo vadis?* (A. Haug)
- 13:30 *Hybrid OCT and Photoacoustic capsule endoscopy for oesophageal imaging* (Q. Li)
- 13:35 *Deep learning-based monitoring of geographic atrophy on OCT in the FILLY phase II clinical trial* (J. Mai)
- 13:40 *Eye motion surveillance system for noninvasive ocular particle therapy* (M. Regodic)
- 13:45 *PET Study on the characterization of an APP/Tau rat model of Alzheimer's disease* (S. Mairinger)

- 13:50 *Implementing Virtual Microscopy for Academic Education in Pathology at the Medical University of Vienna* (M.C. Koeller)
- 14:00 **Coffee Break** (exhibition)
- 14:20 **Highlight Lecture:** Chair: C. Kuntner-Hannes, W. Weninger
“How biomedical image informatics can support multi-modal imaging across scales” (K. Bühler)
- 14:50 **Farewell and Poster award** - W. Weninger