Profile Field
Freiburg Neuroscience & Neurotechnology

1st Annual Retreat
Friday, October 11, 2019
11 AM to 5:30 PM

Location
Otto-Krayer-Haus
Albertstraße 25
79104 Freiburg

Registration
www.neuro.uni-freiburg.de/events
Please register by Friday, October 4, 2019

Contact
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Profile field spokespersons
PD Dr. Tonio Ball
Prof. Dr. Ilka Diester
Prof. Dr. Thomas Stieglitz
Program
Friday, October 11, 2019

10:30-11:00  Registration
11:00-11:05  Opening
Prof. Dr. Ilka Diester (Faculty of Biology)
11:05-11:10  Welcome note
Prof. Dr. Gunther Neuhaus, Vice rector

Session I: New in the Region
Chair: Prof. Dr. Ilka Diester
(Faculty of Biology)

11:10-11:30  Spatial hearing with two cochlear implants – When timing matters!
Dr. Nicole Rosskothen-Kuhl
(Medical Faculty)

11:30-11:50  Circuit mechanisms of cortico-cortical interactions in visual processing
Dr. Julia Veit, Emmy Noether research group leader (Medical Faculty)

11:50-12:10  Cracking circuits in the vertebrate brain: lessons from zebrafish
Prof. Dr. Johann Bollmann
(Faculty of Biology)

12:10-12:30  Reinforcement Learning for Neuroscience
Prof. Dr. Joschka Bödecker
(Faculty of Engineering)

12:30-13:30  Lunch Break

Session II: Collaborative Research & Infrastructure Part I
Chair: Prof. Dr. Joschka Bödecker
(Faculty of Engineering)

13:30-13:50  NeuroMod
Prof. Dr. Andreas Vlachos
(Medical Faculty)

13:50-14:10  Intelligent Machine-Brain Interfacing technology (IMBIT)
Prof. Dr. Ilka Diester
(Faculty of Biology)

14:10-14:30  Microscopy and Image Analysis Platform (MIAP)
Tobias Wernet

14:30-14:50  Institute for Disease Modeling and targeted Medicine (IMITATE)
Dr. Martin Helmstädtter
(Medical Faculty)

14:50-15:30  Coffee Break

Session III: Collaborative Research & Infrastructure Part II
Chair: Prof. Dr. Andreas Vlachos
(Medical Faculty)

15:30-15:50  Neurex
Prof. Dr. Ulrich Egert
(Faculty of Engineering)

15:50-16:10  CRC-TRR 167 NeuroMac
Prof. Dr. Marco Prinz
(Medical Faculty)

16:10-16:30  CRC Initiative How the brain works work
Prof. Dr. Bernd Fakler (Medical Faculty)

16:30-16:50  CRC-TRR Initiative InterRep
Prof. Dr. Marlene Bartos (Medical Faculty)

16:50-17:10  CRC-TRR Initiative micro-implant-translation
Prof. Dr. Gerald Urban
(Faculty of Engineering)

17:10-17:20  Closing remarks