



LEIBNIZ RESEARCH CENTRE  
FOR WORKING ENVIRONMENT  
AND HUMAN FACTORS



December 6-7, 2018

## Workshop on functional imaging

Leibniz Research Alliance

*Leibniz*  
Bioactive Compounds  
and Biotechnology

6th December 2018 15:00 – 7th December 2018, 12:30

### Topics:

- Confocal, two-photon and CARS/RAMAN microscopy
- Visualization and quantification of compounds/drugs (fluorescent and unlabelled) in cells and tissues
- Functional imaging, photoactivation, flow and diffusion analysis, intravital imaging
- Superresolution

Participants are welcome to give a presentation of 15-20 min; the purpose is to give some insight into the possibilities and limitations of their methods.

**Confirmed speakers:** Erik Freier (ISAS Dortmund), Ahmed Ghallab, Nachitek Vartak (IfADo Dortmund), Thomas Huser (University Bielefeld), Stefan Höhme (University Leipzig), Tobias Jung (DIfE), Matthias Prigge (LIN Magdeburg)

### Reaching Dortmund and Venue:

<https://www.ifado.de/ifadoen/wp-content/uploads/sites/3/2015/08/IfADo-Directions.pdf>

### Venue:

Lecture Hall, Leibniz Research Centre for Working Environment and Human Factors  
Ardeystraße 67  
44139 Dortmund

**Registration is free of charge.**

**Deadline: 31. October 2018**

**Please register: [wirkstoffe@ipb-halle.de](mailto:wirkstoffe@ipb-halle.de)**

Travel and accommodation expenses for employees of Alliance member institutes will be covered by the Leibniz Research Alliance of Bioactive Compounds and Biotechnology.  
Maximal number of participants: 20.

### Organization:

Prof. Dr. Jan Hengstler IfADo Dortmund  
Prof. Dr. Thomas Dobner HPI Hamburg  
Dr. Frauke Adaml HPI Hamburg  
Dr. Anna Rusznyák IPB Halle (Saale)  
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