

Hanse-Wissenschaftskolleg  
Institute for Advanced Study

Focus Group

# „Optical Imaging in Neurosensory Science“

Delmenhorst, January 30, 2020

**Organizers:**

Priv.-Doz. Dr. Petra Groß, Carl von Ossietzky University of Oldenburg

Dr. Beate Grünberg, Carl von Ossietzky University of Oldenburg

Apl. Prof. Dr. Karin Dedek, Carl von Ossietzky University of Oldenburg

**Venue:**

Hanse-Wissenschaftskolleg  
Institute for Advanced Study

Lemkuhlenbusch 4

27753 Delmenhorst

Germany

[www.h-w-k.de](http://www.h-w-k.de)

Program

## Thursday, January 30, 2020

- 12:30 – 13:30*      *LUNCH*
- 13:30 – 13:45**      **Welcome remarks Focus Group  
Petra Groß / Karin Dedek**
- 13:45 – 14:15**      **Talk Petra Bolte, University of Oldenburg, Germany**  
Central microscope facility FK V/VI Uni Oldenburg
- 14:15 – 14:55**      **Talk Vita Solovyeva, University of Oldenburg,  
Germany**  
Outlook and further plans for Central microscope  
facility FK V/VI Uni Oldenburg
- 14:55 – 15:15**      **Talk Anja Bräuer, University of Oldenburg, Germany**  
Live cell imaging and Ca<sup>2+</sup> imaging
- 15:15 – 15:45*      *COFFEE BREAK*
- 15:45 – 16:45**      **Talk Simon Weiler, University College London, UK /  
University of Oldenburg**  
Magnetic free Ca Imaging
- 16:45 – 17:15**      **Talk Rabea Bartölke, University of Oldenburg,  
Germany**  
Untangling signaling pathways in living tissue using  
FRET (under two-photon excitation)
- 17:15 – 18:00**      **Future outlook (Focus Group and central  
microscope facility) – closing remarks**
- 18:00 – 19:00**      **Hanse Lecture Daniela Vallentin**
- 19:15*                *DINNER*