

Hanse-Wissenschaftskolleg  
Institute for Advanced Study

Workshop

# Toward Open and Robust Neuroimaging

*Uncovering Researchers' Degrees of Freedom and Providing  
Community Solutions for Their Handling*

Delmenhorst, 4.- 6. March 2024

**Organizer:**

Andrea Hildebrandt, Carsten Gießing,  
Stefan Debener, Christiane Thiel

Funded by: HWK & German Research Foundation (DFG)

**Venue:**


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Program

## Day 1, 4. March 2024

- 12:30 – 13:00      **Arrival at the HWK**  
*Welcome and goals – Andrea Hildebrandt & Carsten Gießing*
- 13:00 – 14:00      *LUNCH*
- 14:00 – 14:30      **Presentation – Knowledge Space of data processing and analytical decisions in graph theory fMRI research**  
*Daniel Kristanto, Oldenburg*
- 14:30 – 15:00      **Discussion – Knowledge Space**  
*Chair: Carsten Gießing, Oldenburg*
- 15:00 – 15:30      **Presentation – Results of the crowdsourcing survey of data processing and analytical decisions in graph theory fMRI research**  
*Andrea Hildebrandt, Oldenburg*
- 15:30 – 16:00      **General discussion – Crowdsourcing platform (content and usability)**  
*Chair: Andrea Hildebrandt, Oldenburg*
- 16:00 – 16:30      *COFFEE BREAK*
- 16:30 – 18:30      **Workshop – Knowledge Space / Part I**  
*Chair: Carsten Gießing & Daniel Kristanto, Oldenburg*
- 18:30 – 20:00      *DINNER AND LEAVE TO HOTEL*

## Day 2, 5. March 2024

- 10:00 – 11:00      **Presentation and discussion – Replication terminology and replication success** (joint for mEEG and gt-fMRI)  
*Chair: Andrea Hildebrandt & tbd, Oldenburg*
- 11:00 – 11:30      **Workshop – Terminology and success**  
*Chair: Andrea Hildebrandt & tbd, Oldenburg*
- 11:30 – 12:00      *COFFEE BREAK*
- 12:00 – 13:00      **Workshop – Knowledge Space / Part II**  
*Chair: Carsten Gießing & Micha Burkhardt, Oldenburg*
- 13:00 – 14:00      *LUNCH*
- 14:00 – 16:00      **Workshop – Knowledge Space / Part III**  
*Chair: Carsten Gießing & Andrea Hildebrandt, Oldenburg*
- 16:00 – 21:00      **Excursion and external dinner**

## Day 3, 6. March 2024

- 10:00 – 11:30      **Workshop – Knowledge Space / Part IV**  
*Chair: Carsten Gießing & Andrea Hildebrandt, Oldenburg*
- 11:30 – 12:00      *COFFEE BREAK*
- 12:00 – 1:00        **Closing session – publication plans**  
*Chair: Andrea Hildebrandt*
- 13:00 – 14:30      *LUNCH AND FAREWELL*