Nexus Experiments: Participative projects and ethical discourse on neuro-

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Introduction

Developing clinical applications of bi-directional communication between the brain and technical devices raises far-reaching ethical and societal questions. The Nexus experiments project fosters public engagement, exploring and implementing new ways of exchange about scientific findings and the conceptual background of BrainLinks-BrainTools – including their ethical implications. Endowing the classical science communication portfolio with novel and explorative approaches, we create forums for scientists to enter into a dialogue with the public.

Selected Projects

- May 4-8 2017 Symposium, Basel
  Performance, Discussion and Talks about Artificial Intelligence at Science + Fiction Festival Basel with Science Jam
- April 2017 Bernstein Werkstatt, Freiburg
  Café Scientifique 11 Surgery of Emotions: can and should we, operate depression?
  with Volker Coenen and Thomas Schlipf
- March 15-17 2017 Brain-awareness week special at the University Library, Freiburg
  Café Scientifique 11 Rehabilitation using brain waves?
  with Michael Schamperger
- March 9 2017 E-Week, Freiburg
  Performance: Harald Kitzing, Annedi Pehnt, Ephraim Wagner “brain writes sound”
- February 2 2017 Liederabend Freiburg
  Reading: Annette Pehnt “I fell in love with my brain”

Outlook

We will continue to accompany the research done at BrainLinks-BrainTools with tailor-made hands-on activities that foster public engagement and the ethical and societal discourse on neurotechnologies. Thereby, we will set one focal point on human-machine interactions. In addition, we want to develop a theoretical framework for our arts/science approach through scientific publications and make the cluster internationally renowned for its special concept of proactively fostering the dialogue between scientists and society by exchanging views with different artists.

This work is supported by BrainLinks-BrainTools Cluster of Excellence funded by the German Research Foundation (DFG, grant number EXC 1086)

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