Reaching out: Participative projects and ethical discourse on neurotechnology

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Introduction

Developing clinical applications of bidirectional communication between the brain and technical devices raises far-reaching ethical and societal questions. The Reaching out 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.

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. Therefore, 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.

Selected Projects

May 2018 – February 2017, University College Freiburg
Neurotechnology and Art – How two fields collide

Spring 2018
L’homme machine: the art of puppetry and the brain/body connection

June 2018
Anthology: "Science, Art and Neuroethics: Transdisciplinary Collaborations to Foster Public Engagement". Transcript Verlag

October 2018 – February 2017, Freiburg Theater
Exhibition discussed with scientists – "wer wir sind" by Herbert Mitzer

December 10 2016, Bernstein Werkstatt, Freiburg
Science Jam 9: Robots and ethics – a dramatic reading of Isaac Asimov’s "The Bicentennial Man"

November 25, 2016, Museum für Neue Kunst, Freiburg
Science Fiction in a Reality Check:

February 2017, Film Meeting Freiburg
Dialogue with neuroscientist and artist: "Close to the brain", Documentary filmmaker

April 27 2016, Bernstein Werkstatt, Freiburg
Science Jam Nr. 7: Die Gedanken sind frei? Bewegen Sie einfach den Kopf!

December 7–19, 2015, Theater Freiburg
"Störung / normal" final public event: scientific talk, performances and presentation of the documentary film

November 25 2015, Braumuseum
Benjamin Stolz & Rainer Dunkel – sensory neuronal network – Vernissage with presentation by Dr. Stefan Rotter

February – December 2015, Freiburg/Tr-Area
"Close to the brain": The artist-in-residence programme: writer Annette Pelten

April – July, 2016, Kommunale Kino and University Film Club Freiburg
Science Fiction in a Reality Check: five movie showings followed by discussions by scientists and high-school students

October 31 - November 4, 2016, Freiburg
Café Scientifique 10: Rehabilitation using brain waves? (with Michael Tangermann)

December 7–8, 2015, Tel Aviv, 18–19, 2015, Theater Freiburg
The documentary film "הפרעה /prise/ fi" – Final public events: scientific talks, performances and presentation of the documentary film

April 27 2016, Bernstein Werkstatt, Freiburg
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May 4-8 2017, Bernhard, Basel
Performance, Discussion and Talks about Artificial Intelligence at Science + Fiction Festival Basel with Science Jam 11

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, 2017 Brain awareness week special at the University Library, Freiburg
Café Scientifique 11: Rehabilitation using brain waves? (with Michael Tangermann)

September 2017, E-Week, Freiburg
Performance: Harald Ktema, Annette Pelten, Ehrwich Wagner “brain writes sound”

October 2017 – February 2017, Freiburg Museum
Exhibition discussed with scientists – "wer wir sind" by Herbert Mitzer

December 2016, Bernstein Werkstatt, Freiburg
Science Jam 8: Robots and ethics – a dramatic reading of Isaac Asimov’s "The Bicentennial Man"

November 25, 2016, Museum für Neue Kunst, Freiburg
Science Jam 8: Scientific talk with live illustration by Ludivine Barthes

November 21–26, 2016, Museum für Neue Kunst Freiburg
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January–December 2015
"Störung / normal" (funded by the German Federal Cultural Foundation)
Continuation and extension of "BrainDance" with scientific and artistic partners from Israel

May 28-31, 2014, Freiburg Theatre
BrainDance Days: Team – Perception – Wasserschloss
Internal and public discussions, lectures and performances

November 22, 2012, University of Freiburg
GEBIRGENATOM, Über Schreitstühlen, Geräuschdrehen, Hirnschibler
Enacted conversations by Hannah Hurtzig and Philipp Hochleichter (Mobile Academy, Berlin) with scientists from the cluster and guests

November 8, 2012, Freiburg Theatre
"Technik im Gehirn: Was wollen wir können?":
Intermedial discussion with a philosopher, a neurobiologist, and a neurosurgeon

www.brainblogreachingout.wordpress.com

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