

Cognitive Enhancement Conference

February 21 – March 1, 2011

University of Mainz

Conference Schedule

Monday, February 21, 2011,

- 2:30-4:00** **Greeting and Introduction** (University of Mainz, Main Campus, Room P103)
- 4:00-4:30** **Coffee Break**
- 4:30-6:00** *Public Lecture* (University of Mainz, Main Campus, Senatssaal)
Prof. Dr. Eric Racine: “Expecting Cognitive Enhancers: Questions for Clinical and Public Ethics”
- 7:00-10:00** **Conference Dinner:** Restaurant TBA

Tuesday, February 22, 2011 (University of Mainz, Main Campus, Room P103)

Thematic Focus: Medical and Psychosocial Aspects of Cognitive Enhancement

- 9:00-10:30** **Dr. Dr. Andreas G. Franke** (University of Mainz): "Neurocognitive Enhancement: Substance & Epidemiology"
- 10:30-11:00** **Coffee Break**
- 11:00-12:00** **Dr. Dimitris Repantis** (Charité – Universitätsmedizin Berlin):
“Psychopharmacological Interventions for Neuroenhancement in Healthy Individuals”
- 12:00-1:00** **Ms. Colleen Dockery** (University of Tübingen): “The Use of Transcranial Direct Current Stimulation in Humans and Rats to Enhance the Functional Neurobiology of Visuospatial Working Memory and Skill Learning”
- 1:00-2:15** **Lunch:** Restaurant Diwan, Johann-Joachim-Becher-Weg 23a (Main Campus)
- 2:15-3:30** **Mr. Sebastian Sattler and Mr. Constantin Wiegel** (University of Bielefeld):
“Measuring and Explaining Cognitive Enhancement”
- 3:30-4:00** **Coffee Break**
- 4:00-5:00** **Dr. Brad Partridge** (University of Queensland): “Student Use of Prescription Stimulants for Cognitive Enhancement: Exploring Prevalence, Motivations and Attitudes”
- 5:00-5:45** **Prof. Dr. Klaus Lieb** (University Medical Centre, Mainz): Concluding Comments and Discussion

Wednesday, February 23, 2011 (University of Mainz, Main Campus, Room P103)

Thematic Focus: Philosophical and Ethical Aspects of Cognitive Enhancement

- 9:00-10:30** **Dr. Ilina Singh:** "Neuroenhancement in Young People: Promises, Perils and Politics"
- 10:30-11:00** **Coffee Break**
- 11:00-12:00** **Ms. Peng (Emma) Chien** (University of Alberta): "Cognitive Enhancement, Cognitive Abilities, and Brain Organization"
- 12:00-1:00** **Dr. Frederic Gilbert** (University of Tasmania): "Nano-Brain-Devices: From Parkinson Treatment to Cognitive and Personality Enhancement"
- 1:00-2:15** **Lunch:** Baron Gastronomie, Johann-Joachim-Becherweg 3 (Main Campus)
- 2:15-3:15** **Ms. Cynthia Forlini** (McGill University): "Contrasts in Expert and Non-expert Perspectives on Cognitive Enhancement of Healthy Individuals with Prescription Medication"
- 3:15-4:15:** **Dr. Roland Kipke** (University of Tübingen): "Some Considerations on the Term 'Cognitive Enhancement'"
- 4:15-4:45** **Coffee Break**
- 4:45-5:45** **Dr. Martin Dresler** (Max Planck Institute of Psychiatry Munich): "Non-pharmacological Enhancement: The Techniques and Brains of Superior Memorizers"
- 5:45-6:30** **PD Dr. Elisabeth Hildt and Prof. Dr. Thomas Metzinger** (University of Mainz): Concluding Comments and Discussion

Thursday, February 24, 2011

Practical Focus: Department of Psychiatry and Psychotherapy, University Medical Centre, Mainz

- 9:00-12:30** **PD Dr. Ulrich Schmitt and Prof. Dr. Hartmut Lüddens** (University of Mainz)
- 12:30-1:45** **Lunch:** Restaurant Diwan, Johann-Joachim-Becher-Weg 23a (Main Campus)
- 2:00-3:30** **TBA**
- 7:30-10:00** **Film Presentation at Medienhaus, University of Mainz**
Ms. Maike Reinerth (University of Mainz): "Fact, Fear, Fiction? Cognitive Enhancement in Popular Media Culture: Eternal Sunshine of the Spotless Mind"

Friday, February 25, 2011, (University of Mainz, Main Campus, Room P103)

Thematic Focus: Theoretical and Ethical Aspects of Cognitive Enhancement

- 9:00-10:30 Prof. Dr. Michael Hauskeller:** “Cognitive Enhancement – To What End?”
- 10:30-11:00 Coffee Break**
- 11:00-12:00 Dr. Kirsten Brukamp** (University Hospital Aachen): “Better Brains or Bitter Brains? Ethical Problems of Neuroenhancement”
- 12:00-1:00 Mr. John Danaher** (University College Cork): “Enhanced Control, Precommitment Failures and Criminal Responsibility: Implications for the Future Development of Deep Brain Stimulation”
- 1:00-2:15 Lunch:** DeDe's Campus-Döner, Jakob-Welder-Weg 32 (Main Campus)
- 2:15-3:15 Dr. Carlos Trenado** (CDB Unit, Saarland University Hospital): “Mathematical Modeling of Mental Enhancement: The Particular Case of Memory and Attention”
- 3:15-4:15 Mr. Pavel Dietz** (University of Mainz): “Cognitive Enhancement and Sports”
- 4:15-4:45 Coffee Break**
- 4:45-5:45 Ms. Greta Wagner** (Goethe University-Frankfurt): “The Conception of Fairness on the Neuroethical Debate on Cognitive Enhancement”
- 5:45-6:30 Prof. Dr. Norbert W. Paul** (University Medical Centre, Mainz): Concluding Comments and Discussion

Saturday, February 26 and Sunday, February 27, 2011—**No Meetings**

Monday, February 28, 2011 (University of Mainz, Main Campus, Room P103)

Thematic Focus: Sociological and Legal Aspects of Cognitive Enhancement

- 9:00-10:30 Prof. Dr. Armin Grunwald:** “Cognitive Enhancement – Indicator of an Emerging 'Enhancement Society'?”
- 10:30-11:00 Coffee Break**
- 11:00-12:00 Mr. Stefan Schlag** (University of Mainz): “Uncertain Consequences of Cognitive Enhancement in Collective Decision-Making”
- 12:00-1:00 Ms. Lisa Forsberg** (King’s College London): “No Pain, No Gain? Implications of Cognitive Enhancement for the Value of Achievement”
- 1:00-2:15 Lunch:** Baron Gastronomie, Johann-Joachim-Becherweg 3 (Main Campus)
- 2:15-3:15 Ms. Elizabeth Shaw** (University of Edinburgh): “Cognitive Enhancement and Criminal Behaviour”
- 3:15-4:15 Mr. Christoph Bublitz** (University of Hamburg): “My Mind is Mine!? Cognitive Liberty as a Legal Concept”
- 4:15-4:45 Coffee Break**
- 4:45-5:30 Prof. Dr. Ruth Zimmerling** (University of Mainz): Concluding Comments and Discussion
- 5:30-7:00 Preparation of Public Presentation**

Tuesday, March 1, 2011 (University of Mainz, Main Campus, Senatssaal)

Public Lecture and Presentation

9:00-10:30 **Prof. Dr. Peter Reiner:** "The Biopolitics of Cognitive Enhancement: A Gordian Knot"

10:30-11:00 **Coffee Break**

11:00-1:00 **Participant Presentation of Conference Results**

1:00 **End of Conference**