



The Ethics of Experimental Deep Brain Stimulation – Future Directions

DAY 1

9:30 Registration

9:45 **Introductory
Remarks**

Jonathan Pugh [*University of Oxford*]

10:00 **Keynote 1**

Frederic Gilbert [*University of Tasmania*]
*"Invasive experimental brain surgery targeting
in clinical research practices"*

dementia: Ethical shifts

11:00 Coffee

11:30 **Session 1**

DBS & Authenticity

Muriel Leuenberger [*University of Basel*]
"Deep Brain Stimulation: Two Kinds of Effects on

Authenticity"

Przemysław Zawadzki [*Jagellonian University*]
*What "being oneself" and "losing oneself" is about?
stimulation (DBS), authenticity and*

*Deep brain
moral foundations theory.*

Alexandra Zorila [*University of Bucharest*]
*"My own story to tell - reshaping one's narrative
DBS"*

identity after

13:00 Lunch

14:00 **Keynote 2**

Jennifer Chandler [*University of Ottawa*]
"What should the law say about psychiatric DBS?"

15:00 Coffee

15:30 **Session 2**

**Emerging Concerns About Autonomy and Authenticity in
DBS: Relational Perspectives and Technological Advance**

Marion Boulicault [*MIT*]
*"DBS for Psychiatric Conditions Investigating the
Dimensions"*

Relational

Sonia Desmoulin-Canselier [*Nantes University*]
*"Family Environment and Deep Brain Stimulation:
Legal Challenges"*

Care Issues and

Ishan Dasgupta [University of Washington]
"Does Closed-Loop DBS Raise Salient Authenticity Concerns?"

17:00 End of Day

DAY 2

10:00 Keynote 3

Tipu Aziz [University of Oxford]
"The Ethics of DBS: The Neurosurgeon's perspective"

11:00 Coffee

11:30 Session 3
Issues? [1]

Novel Applications of DBS: New Ethical

Khara Ramos [NIH]
"DBS and the NIH BRAIN Initiative"

Research Strategies
Psychiatric Disorders: What is at Stake?

Baptiste Moutaud [Université Paris Nanterre]
"So Much Promise. Innovation and Translational in Deep Brain Stimulation for Stake?"

epilepsy:

Karmele Dague [University Hospital Bonn]
"Physicians' experiences in DBS for refractory ethical perspectives"

13:00 Lunch

14:15 Keynote 4

Rebecca Park (University of Ottawa)
"DBS in Anorexia Nervosa"

15:15 Coffee

15:30 Session 2
Issues? [1]

Novel Applications of DBS: New Ethical

users of neural

Andreas Schönau [University of Washington]
"The spectrum of responsibility ascription for end technologies"

Michael Young [Harvard University]

*“Deep Brain Stimulation in Disorders of Consciousness:
Philosophical Forays and Ethical Frontiers”*

Zaev Suskin [*Georgetown University*]
*“Chronic Pain and Addiction in the 21st Century:
How Deep Brain Stimulation May
Epidemic”*

Help Solve an

17:00 Closing Remarks

17:30 End of day