

NEURO-INTERVENTIONS AND THE LAW: REGULATING HUMAN MENTAL CAPACITY

Modern neuro-interventions hold out the promise of non-invasively but directly, effectively, efficiently, and maybe even permanently altering people's mental capacities, and this conference will interrogate a range of pertinent questions that this might raise for the law. For instance, how should society regulate the use of such diverse neuro-interventions? What may we legitimately expect of people whose mental capacities have been altered through such neuro-interventions? How should the criminal justice system be permitted to use such techniques to regulate people's mental capacities to promote or to achieve its own internal aims? How are these techniques currently being used and regulated? Which of these techniques actually work, how do they work, what are their various costs, do they truly help us to achieve what we think or hope they do, and in general what can we learn about our own normative presuppositions by reflecting on neuro-interventions in such contexts?

POSTERS

Enhancing Brain Activity Through Cortical Entrainment: New Evidence and Implications for Neuroethics

Nicholas Bello, Junaid Amin, and Gwen Frishkoff (Georgia State University)

Reexamining Addiction & Responsibility: A Response to Stephen Morse's Choice Model of Addicted Agents

Gregory Blakemore (Georgia State University)

Coffee and Cognition: A Framework for Making Cosmetic Cognition-Enhancing Interventions Appropriately Available to the Public

Monisha Chakravarthy (Vanderbilt University)

The Relevance of Neuroscientific Studies of Auditory Verbal Hallucinations for Criminal Responsibility Adjudications

Stephanie M. Hare, Jessica A. Turner, and Nicole A Vincent (Georgia State University)

Legitimate Neuro-Interventions in a State Skeptical About Moral Responsibility

Nathan Houck, (Georgia State University)

Another Problem with fMRI Deception Research: Lack of Generalizability from Subject Populations

Sarah Izzo and Ekaterina Pivovarov (Hamilton College & Harvard University)

Neuroscience and Its Mind Altering Potential for Marketing

Devin Roach, Drew Rohskopf, Matthew Farkas, Fariha Islam, Christina Lucas, and Jacob Wright (Georgia Institute of Technology)

What is a Medical Device? The Implications of the Food and Drug Administration's Definition for the Regulation of Consumer Neurotechnology

Anna Wexler (Massachusetts Institute of Technology)

FRIDAY, SEPT. 12

12:30-12:45

INTRODUCTION OF DR. PAUL ROOT WOLPE (Eddy Nahmias)
WELCOME FROM ANEC (Paul Root Wolpe)
Speaker's Auditorium

12:45-1:15

INTRODUCTION AND OVERVIEW OF CONFERENCE ORGANIZATION AND THEMES (Nicole A Vincent)
Speaker's Auditorium

1:15-2:45

PANEL: Making People Sane Enough for Release
Chairs: Chris Ryan and Katrina Sifferd
Panelists: Brad Cooke, Paul Davies, Farah Focquaert, Justice David E. Nahmias, and Ekaterina Pivovarov
Speaker's Auditorium

20 MINUTE BREAK

3:05-3:45

PARALLEL STREAMS
The Efficacy of Chemical Castration in Sex Offender Recidivism: Implications For Release
Chris Ryan (University of Sydney) *Room 220*
Diversion Courts, Traumatic Brain Injury, and American Vets
Valerie Hardcastle (University of Cincinnati) *Room 270*
Liberty, Security of the Person and Neurointervention for Criminal Psychopath
Jared Craig (University of Calgary) *Room 278*

5 MINUTE BREAK

3:50-4:30

PARALLEL STREAMS
Offering Neuro-interventions to Offenders with Impaired Moral Functioning
Farah Focquaert and Sigrid Sterckx (Ghent University) *Room 220*
Managing Impulsivity: Can Transcranial Direct Current Stimulation (tDCS) Help?
Ekaterina Pivovarov, A. Carroll and J. Buckholtz (Harvard University) *Room 270*
What Becomes of Voluntariness As We Intervene in the Functioning of the Human Brain?
Paul Davies (College of William and Mary) *Room 278*

5 MINUTE BREAK

4:35-5:15

PARALLEL STREAMS
Using Neuro-interventions to Rehabilitate Sex Offenders
Katrina Sifferd (Elmhurst College) *Room 220*
Neuro-Interventions in Youth at Risk for Criminal Behavior
Andrea Glenn (University of Alabama) *Room 270*
The Constitution, Compelled Neuro-Intervention, and the Ethical Parity Principle
Marc Blitz (Oklahoma City University) *Room 278*

5 MINUTE BREAK

5:20-6:30

STUDENT POSTER SESSION AND RECEPTION
Speaker's Auditorium Lobby

9:00-10:15

KEYNOTE 1: Stephen Morse, *Speaker's Auditorium*

20 MINUTE BREAK

10:35-12:05

PANEL: Making People Sane Enough for Punishment
Chairs: Ted Blumoff and Francis Shen
Panelists: Ted Blumoff, Senior Judge Andre Davis, Stephen Morse, Chris Ryan, and Nicole Vincent
Speaker's Auditorium

5 MINUTE BREAK

12:10-12:50

PARALLEL STREAMS
Enhancing Punishment: Exploring the Effects of Cognitive Enhancement on Retributive Punishment
Bobby Bingle (Georgia State University) *Room 220*
On Executing Schizophrenics: Identity and the Mythology of "Synthetic" Competency
Ted Blumoff (Mercer University) *Room 270*
Compulsory Neuro-Interventions: Metaphysical and Conceptual Foundations of the Subject of Responsibility and Autonomy of Choice
Rui Vieira da Cunha and Luisa Neto (University of Porto) *Room 278*

90 MINUTES FOR LUNCH

2:20-3:50

PANEL: Making People Sane Enough for Trial
Chair: Jessica Gabel
Panelists: Senior Judge Andre Davis, Felipe De Brigard, Ekaterina Pivovarov, and Nicole Vincent
Speaker's Auditorium

5 MINUTE BREAK

3:55-4:35

PARALLEL STREAMS
Different Interventions into Minds: Means Matter for the Law (and so they should for ethics)
Christoph Bublitz (University of Hamburg) *Room 220*
Truth Serum: The Reliability of Psychopharmaceuticals in Criminal Trials
Jessica Gabel (Georgia State University) *Room 270*
Making Morally-Permissible Punishment Impossible through Neuro-Intervention
Leonard Kahn (Loyola University New Orleans) *Room 278*

20 MINUTE BREAK

4:55-6:10

KEYNOTE 2: Nita Farahany *Speaker's Auditorium*

20 MINUTE WALK TO ALMA COCINA

6:30-8:30

CONFERENCE DINNER
Alma Cocina (Downtown Atlanta)
191 Peachtree St NE, Atlanta, GA 30303

SUNDAY, SEPT. 14

9:00-10:15

KEYNOTE 3: Prostheses for the Will: The Legal Implications of Neural Prostheses
Walter Glannon, *Speaker's Auditorium*

20 MINUTE BREAK

10:35-12:05

PANEL: Cognitive Enhancement
Chair: Nicole Vincent
Panelists: Jan Christoph Bublitz, Zack Buck, Veljko Dubljević, Alexandre Erler, Thomas Nadelhoffer, and Walter Sinnott-Armstrong
Speaker's Auditorium

85 MINUTES FOR LUNCH

1:30-2:10

PARALLEL STREAMS
Obtaining Informed Consent Through Use of Brain-Computer Interfaces? Future Perspectives for Patients With Locked-in Syndrome
Caroline Rödigier (University of Bonn) *Room 220*
Enhancement, the Self, and the Lottery of Life
Thomas Nadelhoffer and Jen Wright (College of Charleston) *Room 270*
Intervening Memory abstract
Felipe De Brigard (Duke University) *Room 278*

5 MINUTE BREAK

2:15-2:55

PARALLEL STREAMS
A Legal Framework for Approval and Access to Neuro-Enhancing Chemicals
Yaniv Heled (Georgia State University) *Room 220*
Pharmacological "Cognitive Enhancement" and the Ethics of Manipulating Motivation
Alexandre Erler (University of Montreal) *Room 270*
The Rising Tide of tDCS in the Media and Academic Literature
Veljko Dubljević (McGill University) *Room 278*

5 MINUTE BREAK

3:00-3:40

PARALLEL STREAMS
A Pill Is Required For This Job: Neuro-Interventions for Employee Performance and Management
Patrick Hopkins and Harvey Fiser (Millsaps College) *Room 220*
Law, Human Goods, and Cognitive Enhancement
Brandon Boesch (University of South Carolina) *Room 270*

END OF THE 2014 NEURO-INVENTIONS & THE LAW CONFERENCE