Neuroethics Network

Going Global and Facing the Future

June 29, 30, July 1, 2016

Location Note:
Neuroethics Network sessions will be held at ICM, (Institut du Cerveau et de la Moelle Épinière) 47 boulevard de l’hôpital, CHU Pitié-Salpêtrière, 75013, Paris, France

Wednesday, June 29

1:00-1:15 PM
Welcome
Yves Agid, MD, PhD, ICM, Hôpital Pitié Salpêtrière, Paris, FRANCE

1:15-2:00 PM
Is the Brain Anything More than a 20-Watt Supercomputer?
Yves Agid

2:00-2:30 PM
Mosaics in Neuroethics: Piecing Together the Capacity Puzzle
Joseph Fins, MD, Weill Cornell Medical College, Division of Medical Ethics, New York, USA

2:30-3:00 PM
Group Discussion

3:00-3:30 PM
Fiction: Fears and Facts: Neuroethical Roles in Neuroscience Fiction
Moderator: James Giordano, Ph.D, Neuroethics Studies Program, Edmund D. Pellegrino Center for Clinical Bioethics, Georgetown University Medical Center, Washington, DC, USA
3:30-5:00 PM

Cinema du Cerveau – “Limitless”

A struggling author suffering from writer’s block is stressed by an approaching deadline. His girlfriend, frustrated with his lack of progress and financial dependence, breaks up with him. That all changes when an old friend, involved with a pharmaceutical company, gives him a sample of a new “smart drug” that produces enhanced mental acuity. Fueled by the untested chemical, he rises to the top of the financial world. But terrible side-effects and a dwindling supply threaten to collapse his house of cards.

5:00-5:45 PM

Panel Commentaries: Grant Gillett, PhD, Otago Bioethics Centre, University of Otago Medical School, Dunedin, NEW ZEALAND

Vojin Rakic, PhD, Institute for Philosophy and Social Theory, University of Belgrade, SERBIA

Leonard Fleck, PhD, Michigan State University, East Lansing, Michigan, USA

Karen Rommelfanger, PhD, Neuroethics Program, Center for Ethics, Emory University, Atlanta, Georgia, USA

5:45-6:15 PM

Audience Discussion

Thursday, June 30

8:00 AM

Welcome coffee

8:30-8:45 AM

Yves Agid, MD, PhD, ICM, Hôpital Pitié Salpêtrière, Paris, FRANCE
8:45-9:15 AM  
*How Smart Do We Want Machines to Be?*  
John Harris, FMedSci, D.Phil. is Professor Emeritus, University of Manchester, United Kingdom.

9:15-9:45 AM  
Group Discussion

9:45-10:00 AM  
*The Role of the Frontal Lobe*  
Richard Levy, MD, PhD, ICM, Hôpital Pitié Salpêtrière, Paris, FRANCE

Case: “It’s like it’s not her anymore”

10:00-10:45 AM  
*Who (or What) Am I?*  
Moderator: Sven Nyholm, PhD, Department of Philosophy and Ethics, School of Innovation Sciences, Eindhoven University of Technology, THE NETHERLANDS

Speakers:

Frederic Gilbert, PhD, University of Tasmania and Centre of Excellence for Electromaterials Science, Tasmania, AUSTRALIA

Tom Buller, PhD, Department of Philosophy, Illinois State University, Normal, Illinois, USA

Sabine Mueller, MD, PhD Charité-University Hospital Berlin, GERMANY

10:45-11:30 AM  
Group Discussion

11:30-12:15 PM  
*Is Placebo Use, Surgery or Drugs, Ethically Justifiable in Psychogenic Disorders?*  
Moderator: Fatma Marouf, JD, William S. Boyd School of Law, University of Nevada-Las Vegas, USA
Speakers:

Bryn Esplin, JD, NeuroEthics Program, Cleveland Clinic, Ohio, USA

Karen Rommelfanger, PhD, Neuroethics Program, Center for Ethics, Emory University, Atlanta, Georgia, USA

12:15-12:45 PM  Group Discussion

12:45-1:45 PM  Lunch and Class Photo

1:45-2:30 PM  *Criminals, Courts and Neuroscience*

  *Offers That Cannot be Refused: The Ethics of Treating Criminal Offenders Who Accept Treatment to Avoid Jail.*
  Jennifer Chandler, LLM, Faculty of Law, University of Ottawa, CANADA

  *Will “The Machine Made Me Do It Defense” Stand Up in a Court of Law?*
  John Danaher, PhD, NUI Galway School of Law, IRELAND

  *The Face Rings a Bell: “Brain-fingerprinting” in Criminal Investigations*
  Colin Gavaghan, PhD, New Zealand Law Foundation Centre for Law and Policy in Emerging Technologies, University of Otago, Dunedin, NEW ZEALAND

2:30-3:00 PM  Group Discussion

3:00-4:00 PM  *Brain-computer Interfacing for Severely Paralyzed Patients: What are the Benefits, Risks and Ethical Challenges?*

Moderator: Philipp Kellmeyer, MD, PHD, Department of Neurology, University of Freiburg, GERMANY
Speakers:

Joseph Fins, MD, Weill Cornell Medical College, Division of Medical Ethics, New York, New USA

William Casebeer, PhD, Lockheed Martin Advanced Technology Laboratories, Palo Alto, California, USA

Jens Clausen, PhD, Institute for Ethics and Medicine, University of Tubingen, GERMANY

4:00-4:30 PM  Group Discussion

Moderator: James Giordano, Ph.D, Neuroethics Studies Program, Edmund D. Pellegrino Center for Clinical Bioethics, Georgetown University Medical Center, Washington, DC, USA

4:30-5:00 PM  Identity and the Cultural Brain
Grant Gillett, PhD, Otago Bioethics Centre, University of Otago Medical School, Dunedin, NEW ZEALAND

5:00-5:30 PM  Group Discussion

5:30-6:00 PM  Break

6:00-6:30 PM  Keynote Address

*Where things decayed and loved ones lost. In dreamy shadows rise.*
Jean Claude Ameisen, MD, PhD, President, French National Consultative Committee (CCN) Paris, FRANCE

6:30-7:30 PM  Cocktail Reception and Music for the Mind Jazz Concert
Jérôme Yelnik, MD, PhD, ICM, and his quartet
Friday, July 1

8:00 AM  Welcome coffee

8:30-8:45 AM  Yves Agid, MD, PhD, ICM, Hôpital Pitié Salpêtrière, Paris

8:45-9:30 AM  *Brain Health and Our Contaminated Planet: A Look Through the Lens of Environmental Neuroethics*

Speakers:
Judy Illes, PhD, Brain Research Centre and Vancouver Coastal Health Research Institute, National Core for Neuroethics, The University of British Columbia, CANADA
Hervé Chneiweiss, MD, PhD, French Institute of Health and Medical Research (INSERM), Paris

9:30-10:00 AM  Group Discussion

*What are the Ethical Issues Raised by “Big Neuroscience”?*

10:00-10:15 AM  *What is “Big” Neuroscience?*
Markus Christen, PhD
University Research Priority Program Ethics
University of Zurich, SWITZERLAND

10:15-10:30 AM  *Solving Ethical Issues of Big Neuroscience – the Example of Using Hospital Data in the Human Brain Project*
Richard Frackowiak, MD, DSc, Co-executive director of the Human Brain Project and head of the Department of Clinical Neuroscience at the University of Lausanne, SWITZERLAND
10:30-10:45 AM

Philosophical Challenges of Big Neuroscience
Arleen Salles, PhD, Programa de Neuroetica, Centro de Investigaciones Filosoficas, Buenos Aires, ARGENTINA

10:45-11:00 AM

The US BRAIN Initiative: what are the ethical challenges?
Khara Ramos, PhD, National Institutes of Neurological Disorders and Stroke, National Institutes of Health, Bethesda, Maryland, USA

11:00-11:30 AM

Group Discussion

11:30-12:15 PM

Should New Gene Editing Tools Such as CRISPR Cas 9, Optogenetics, and Other Techniques in the Brain Modify Our Therapeutic Approaches?

Moderator: Hervé Chneiweiss, MD, PhD, French Institute of Health and Medical Research (INSERM), Paris, FRANCE

Speakers:

Kevin Fitzgerald, JS, PhD Department of Molecular Genetics and Pellegrino Center for Clinical Bioethics, Georgetown University Medical Center, Washington, DC, USA

John Harris, FMedSci, D.Phil. is Professor Emeritus, University of Manchester, United Kingdom.

12:15-12:45 PM

Group Discussion

12:45-1:30 PM

Lunch

1:30-2:15 PM

Debate: Should All Children Undergo Whole Genome Sequencing?
Danton Char, MD, Department of Anesthesia, Stanford University School of Medicine, Stanford, California, USA
Matthew Baum, DPhil, MD-PhD (C)
Harvard-MIT Division of Health Science & Technology, Division of Medical Sciences Program in Neuroscience, Harvard Medical School, Boston, Massachusetts, USA

Leonard M. Fleck, PhD, Center for Ethics & Humanities in the Life Sciences, Michigan State University, East Lansing, Michigan, USA

2:15-2:45 PM Group Discussion

2:45-3:45 PM

Fantastic Neuroethics: How Will Implanted Neural Interfaces Enhance our Normal Functioning?
James Giordano, Ph.D, Neuroethics Studies Program, Edmund D. Pellegrino Center for Clinical Bioethics, Georgetown University Medical Center, Washington, DC, USA

John R. Shook, PhD, University of Buffalo, New York, USA

William Casebeer, PhD
Lockheed Martin Advanced Technology Laboratories, Palo Alto, California, USA

Kevin Fitzgerald, JS, PhD Department of Molecular Genetics and Pellegrino Center for Clinical Bioethics, Georgetown University Medical Center, Washington, DC, USA

Au revoir jusqu’à l’année prochaine!