

# NEUROETHICS: FROM LAB TO LAW.

## A SCIENTIFIC SCRUTINY OF SOCIABILITY, RESPONSIBILITY AND CRIMINALITY

**PROGRAM**

COSMOCAIXA . C/ ISAAC NEWTON, 26. BARCELONA

**Monday, November, 12<sup>th</sup>, 2012**

8:45 Registration

9:00 Welcome

**SESSION 1****NEUROSCIENCES AND  
ANTISOCIAL BEHAVIOR,  
MORAL COGNITION, EMPATHY  
AND PSYCHOPATHY**Chair: **Oscar Vilarroya**, UAB

9:15

**Neuroethics and Law: an  
Unlikely Pair?****Adolf Tobeña**Universitat Autònoma de  
Barcelona (UAB), Spain

10:00

**Reinforcement Expectancies,  
Different Forms of Morality  
and the Implications of  
Dysfunction for the  
Development of Psychopathic  
Traits****James Blair**

NIMH, USA

10:45 Coffee break

11:15

**Breaking Bad: Genes, Brains  
and the Neurobiology of  
Antisocial Behavior****Joshua W. Buckholtz**

Harvard University, USA

12:00

**Neurochemical Modulation  
Moral Judgment and  
Behavior****Molly Crockett**

University of Cambridge, UK

12:45

**Open Debate & Discussion**

13:15 Lunch

**SESSION 2****SOCIAL AND COGNITIVE  
PSYCHOLOGY APPROACHES  
TO (LACK OF) EMPATHY,  
CRIMINALITY AND PERCEPTION  
OF JUSTICE**Chair: **Adolf Tobeña**, UAB

14:30

**Varieties of Dehumanization****Susan Fiske**

Princeton University, USA

15:15

**Individualistic Versus  
Social Motives for Justice  
Judgments****Jan-Willem van Prooijen**VU University of Amsterdam,  
The Netherlands

16:00 Coffee break

16:30

**Dangerous Brains, Bad  
Decisions or Criminals?****Antonio Andrés Pueyo**

University of Barcelona, Spain

17:15

**Open Debate & Discussion**

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**Tuesday, November, 13<sup>th</sup>, 2012****SESSION 3****ANTHROPOLOGICAL AND  
EVOLUTIONARY BIOLOGY  
PERSPECTIVES ON  
COOPERATION, CONFLICT  
AND SACRED VALUES**Chair: **Arcadi Navarro**, UPF

9:15

**Values Versus  
Responsibilities in Political  
Conflict: Why Hamas and  
the Muslim Brotherhood  
Are Not Al Qaeda****Scott Atran**,  
University of Michigan, USA

10:00

**Cognitive Mechanisms for  
the Evolution of Religious  
Thought****Sabela Fondevila**  
UCM-ISCIII, Spain

10:45 Coffee break

11:15

**The Evolutionary Roots of  
Human Cooperation****Alicia Perez Melis**  
Max Planck Institute, Germany

12:00

**Can Machines Have Free  
Will?****Luc Steels**,  
ICREA, UPF, Spain

12:45

**Open Debate & Discussion**

13:15 Lunch

**SESSION 4****SOCIETAL CHALLENGES FOR  
NEUROSCIENCE**Chair: **David Felip**, UPF, Spain

14:30

**Psychopathy and Criminal  
Law: Short Outline****Manuel Cancio**  
UAM, Spain

15:15

**Crime and Punishment****Antoni Gomila**  
Universitat de les Illes  
Balears, Spain

16:00 Coffee break

16:30

**Neural Reality and Social  
Convention: Do they Really  
Touch?****Jesús Mosterín**  
CSIC, Spain

17:15

**Open Debate & Discussion**18:00 **Closing Remarks**

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