

University Center for Bioethics (UCB)
Center for Studies and European and International Affairs (CSEIA)
Department of Law, Political and International Studies

International Conference
Neuroscience and Law:
Implications and Perspectives

5th-7th October 2017

Parma

CALL FOR PAPERS

Conference's Themes

In recent times, the field of neuroscience has been known for its' extraordinary developments, initiating several motives for discussion within the legal environment.

This Conference focuses on studying the various interactions between neuroscience and the world of law, trying to understand how neuroscientific discoveries could affect some fundamental legal categories and how laws should be implemented in the face of these innovations.

The analysis is characterized by a particular thematic complexity; for this reason, the Conference will be mainly divided into three parts.

A number of prestigious speakers have already confirmed their presence: Prof. Giacomo Rizzolatti (Università di Parma), Prof. Amedeo Santosuosso (Università degli Studi di Pavia), Prof. Pietro Pietrini (IMT School for Advanced Studies Lucca), Prof. Hank Greely (Stanford University), Prof. Federico G. Pizzetti (Università degli Studi di Milano), Prof. Oliver Goodenough (Vermont University), Prof. Stephen Morse (University of Pennsylvania), Prof. Guglielmo Gulotta (Università degli Studi di Torino), Prof. Lorenzo Chieffi (Università degli Studi della Campania), Prof. Raffaella Folgieri (Università degli Studi di Milano), Prof. Carlo Casonato (Università degli Studi di Trento).

PANEL 1

Neuroscience and Law: general topics

The first panel is on the subject of the general relationship between neuroscience and social sciences, with particular reference to legislation. The aim is to identify, with a comparative and interdisciplinary perspective, the interconnecting fields between neuroscience and law, underlining their importance. This session is concerning the tremendous neuroscientific progress of recent times and how these innovations possibly affect the work of jurists.

TOPICS:

- *Brain imaging e neuroscientific progress*
- *Neurolaw as a new field of study*

- *Constitutional aspects at the crossroads of neuroscience and law*
- *Legal and social applications of neuroscientific knowledge*
- *Neuroscientific research and regulations*

PANEL 2

Neuroscience and health protection

The second panel will discuss further the effects of neuroscientific knowledge in the field of individual health protection and self-determination . This sitting will also address the legal and social problems of of “Cognitive enhancement” phenomenon, for example the use of particular drugs or other specific tools aimed to increase human cognitive abilities.

TOPICS:

- *Neuroscience and human rights*
- *Neurotechnologies and human capabilities*
- *Neuroethics and neurotechnologies*
- *Cognitive Enhancement*
- *Brain Computer Interfaces*
- *Neuroscientific data, privacy and incidental findings.*

PANEL 3

Neuroscience in the Courtroom

The third panel will evaluate the use of neuroscientific findings in trials and specific equipment as survey tools. In particular, this meeting will try to evaluate the suitability of such techniques as a valid testing agent within the courtroom. The examination will inevitably concern the analysis of case-law, which appears increasingly consistent. In addition, our purpose is to understand to what extent neuroscientific discoveries can influence judgment imputability and, therefore, how it can affect individual responsibility definition and determination .

TOPICS:

- *Use of neuroscience in court cases*
- *Cognitive neuroscience in criminal law*
- *Neuroscientific evidence and its limitations*
- *Lie detection and memory detection*
- *Moral freedom*
- *Free will and determinism*
- *Imputability*

Selection procedure

Scholars, interested in presenting a paper for the Conference, are asked to submit an abstract (max 2000 characters) by the **30th of June 2017** in either Italian or English. The proposals will be evaluated by the conference scientific coordinators :Prof. Antonio D'Aloia, Prof. Carlo Casonato, and Prof. Roberto Bin. The selection results will be announced by **the 15th of July 2017**.

Authors of the selected proposals will then be asked to send a full paper by the **15th of September 2017**.

Nominated papers will be further assessed for publication in the *Biolaw Journal* Issue No. 3/2017.

Selection will be carried out by the conference scientific coordinators, mentioned previously

through an anonymous peer review.

A total of eight (8) contributions will be accepted. Each presentation should last for 15 minutes. A debate will follow each presentation and all speakers will be invited to comment and exchange observations.

Together with the abstracts, the following details are requested: 1) name and surname; 2) academic title; 3) membership body; 4) mailing address; 5) selected work session.

Please submit all abstracts **in PDF format** to either of the following addresses: **neurolaw2017@gmail.com**, **antonio.daloia@unipr.it** .

Summary Deadlines

Sending abstract - 30th June 2017

Communication of selection results - 15th July 2017

Sending paper - 15th September 2017

Conference's language

Italian and English

Expenses and Accommodation

Accommodation of selected presenters will be reimbursed.

Travel expenses in principle will not be reimbursed.

For more clarification, please feel free to write to one of the following addresses:

neurolaw2017@gmail.com, **antonio.daloia@unipr.it** .

Scientific Committee:

Prof. Antonio D'Aloia, Università di Parma, Direttore del Centro Universitario di Bioetica

Prof. Carlo Casonato, Università degli Studi di Trento, Direttore della Rivista Biolaw Journal

Prof. Roberto Bin, Università degli Studi di Ferrara