

Call for Applications
(25 positions)
The EANL Law, New Technologies & Neuroscience Winter School
ECLT at University of Pavia, Italy

This is a call for applications to the 2016 round of the *EANL Law, New Technologies & Neuroscience Winter School*, organized and hosted at the University of Pavia (ECLT Interdepartmental Research Center) in cooperation with The Center for Health Technologies at the University of Pavia, and

- **University of Bonn, Germany** (Professor Tade Mathias Spranger)
- **Radboud University Nijmegen, The Netherlands** (Professor Pim Haselager)
- **The Open University, UK** (Professor Paul Catley, Professor Lisa Claydon)
- **Center for Innovation and Law, Vermont Law School (USA)** (Professor Oliver R. Goodenough)

Scope and Objective

Research developments on the human brain are incredibly fast, and their applications on the field of artificial intelligence and robotics, or their use for forensic purposes in civil and criminal trials, have proved to be exponential. Further, technology is more and more present in a way that is having a relevant impact both on people's habits and on the organization of work, industries and institutions. In their everyday practice, lawyers need to face such situations, which are multidisciplinary by definition. For instance, evaluating scientific elements in a case they are working on, or choosing the best scientific experts to consult, or dealing with regulatory aspects of new technologies. In parallel, science and technology experts often have to face the gap between their work and its legal framework. Last but not least, philosophers and ethicists are also involved in the debate because of the potential ethical and social impact of neuroscientific findings and new technological applications. A better interdisciplinary interaction between scholars in law and scholars in neuroscience, robotics and artificial intelligence is a strict necessity for people who want to have better job opportunities and research developments.

The *EANL Law, New Technologies & Neuroscience Winter School* is a school open to lawyers, scientists and non-scientists.

Basic scientific information is provided on Neuroscience, Psychiatry, Genetics and Robotics, while basic law concepts are discussed for non-lawyers. The core of the activity is devoted to the intersection between law and new technologies, in a comparative perspective. The school is directed to graduate/master degree students, PhD Students, and early career professionals. The aim of the school is to provide proper information about

- The increasingly advanced neuroscientific findings and robotic techniques,
- The impact of neuroscience and new technologies on different legal systems
- The philosophical / ethical debate about science and new technologies.
- How science and technologies can drive innovation in law.

Topics

The Winter School detailed program will be published as soon as possible on the website www.unipv-lawtech.eu and will cover the following macro-areas:

- Basic concepts and lexicon in Law, Neuroscience and New Technologies
- Neuroscience and Criminal Law
- Artificial Intelligence, Robotics and Law
- Neuroethics
- Human Enhancement and Legal/Ethical Issues
- Innovation and Law

Special hands-on-lab sessions will be organized at the Cognitive, Clinic and Forensic Neuropsychology Lab, and the Neuroscience and Society Lab (Department of Brain and Behavioural Sciences).

Who can participate

The course is designed for graduate (master-degree) students, PhD Students and early-stage researchers enrolled in the faculties of Law, Political Science, Philosophy, Neuroscience, Psychology, Engineering, and correspondent professionals in an early stage of their careers.

Working language

English

Dates and place

The Call for application is open for the Fifth edition of the *EANL Law & New Technologies and Neuroscience Winter School*. The venue will be the University of Pavia (Italy), **from 15 to 20 February 2016** (6 days).

Attending the 80% of classes is mandatory.

Costs and scholarship

The selected participants are in charge of arranging and paying their own travel and accommodation in Pavia, Italy. The International Office at the University of Pavia will provide information about housing solutions.

The registration fee is **€ 400,00** and covers the tuition, the course materials and every-day lunch at the University canteen.

Scholarships will be available. Any related information will be posted on the website www.unipv-lawtech.eu.

Evaluation and Certificate of attendance

At the end of the Winter School, students will be awarded with a Certificate of Attendance.

The Department of Law at the University of Pavia awards 4 ECTS. The recognition by further Departments is in progress.

Selection criteria

The assessment will be made on the basis of the candidates' qualifications, fluency in English, academic background and motivation.

How to apply

The Application form can be downloaded from the website:

<http://www.unipv-lawtech.eu/>

The application form should be sent, together with the application package, to:
barbara.bottalico@unipv-lawtech.eu

The package consists of two parts as listed below:

Part 1: A statement of interest in English (no more than 5.000 characters, spaces included).

Part 2: An academic or professional CV in English.

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Deadline for applications: 5 December 2015

The commission will communicate the results to the applicants by 10 December. The selected participants are expected to sign the acceptance or refusal form that they will receive by email. The fee must be paid by 15 December 2015.

The full program will be available on the website:

<http://www.unipv-lawtech.eu/>

Further information:

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Academic information about the Program:

barbara.bottalico@unipv-lawtech.eu

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How to get to Pavia:

<http://www.unipv.eu/online/en/Home/UsefulInformation/HowtogettoPavia.html>

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Information about the town of Pavia:

<http://www.unipv.eu/on-line/en/Home/UsefulInformation/LivinginPavia.html>

Pavia, 19 October 2015

The ECLT President
Professor Silvia Garagna



The ECLT Scientific Director
Professor Amedeo Santosuosso

