



Mapping New Challenges in the Neuroethical Landscape

9th Conference of the Italian Society for Neuroethics (SINe) and 14th International Scientific Conference on Neuroethics

May 10th - 12th, 2023 | Pisa - Lucca

Wednesday - May 10th

University of Pisa, Polo Congressuale Le Benedettine

13:30 REGISTRATION

14:00 OPENING REMARKS

Aula A

14:30-16:30 PLENARY SESSION

Chair: Federico Gustavo Pizzetti

The ethics of neuro-doping - Jonathan Pugh (University of Oxford)

Cognitive Restoration, Neuroethics and Disability Rights: Narratives from the Central Thalamic Stimulation for TBI Study - Joseph J. Fins (Weill Cornell Medical College, INS President)

16:30-17:00 COFFEE BREAK

17:00-18:30 SINE MEDAL

Chair: Adriano Fabris

Laudator: Andrea Lavazza

The brain basis for morality - Patricia Churchland (University of California San Diego) | SINE medal for Philosophy

Thursday - May 11th

Scuola IMT Alti Studi Lucca

9:00-11:00 PLENARY SESSION

Cappella Guinigi, San Francesco Complex

Chair: Emiliano Ricciardi

Whole-brain representation of imprinted scents - Serena Bovetti (University of Turin)

Brain representations from a neurophysiological perspective - Luciano Fadiga (University of Ferrara)

11:00-11:30 COFFEE BREAK | POSTER SESSION

Sala Canova, San Francesco Complex

11:30-13:00 PARALLEL SESSION | CONTRIBUTED PAPERS

Cappella Guinigi, San Francesco Complex

Chair: Mirko Daniel Garasic

The narrative approach to the moral landscape of individuals with antisocial personalities: some conceptual issues - Luca Malatesti, Iris Vidmar Jovanović

Moralising psychiatric care. The case of psicybin for the treatment of drug-resistant depression and the psychedelic paradox - Emiliano Loria, Elisabetta Lalumera

Does consciousness fluctuate in complete locked-in syndrome? A neuroethical analysis through an empirical and conceptual approach - Federico Zilio

Conference Room, San Ponziano Complex

Chair: Sofia Bonicalzi

Moral intuitions and the reliability challenge - Dario Cecchini

Computational Neuroethics - Federico Bina

Moral science: cognitive architecture and moral disagreement - Alejandro Rosas

Sala Convegni, San Micheletto Complex

Chair: Gustavo Cevolani

Cognitive biases and their influence on the trial outcome - Giulia Ghidini, Giuseppe Sartori, Cristina Scarpazza

The privacy of the mental and the latest surveillance - Fiorella Battaglia, Giuseppe Di Vetta

Children and the ethical use of artificial intelligence - Corrado Claverini, Chiara Montalti

13:00-14:30 LUNCH

Sala Canova, San Francesco Complex

14:30-16:30 PARALLEL SESSION | CONTRIBUTED PAPERS

Cappella Guinigi, San Francesco Complex

Chair: Camilla Colombo

Avatars, extended reality and virtual rights - Mirko Daniel Garasic

Dominium in the age of neurotechnologies: who is the subject of neurorights? - Ozan Erözden

The right to mental integrity and the extended mind - Vera Tesink

Safeguarding athlete's neuro-rights in sport. The failure of AI's regulation in sport - Alberto Carrio

Conference Room, San Ponziano Complex

Chair: Luca Cecchetti

The assesment of capacities of cognitive tool-users: from extended to integrated cognitive systems - Guido Cassinadri, Marco Fasoli

Cognitive Agency and Neurotechnology - Tom Buller

Extended animal cognition - Giulia Leonetti, Marco Facchin

The meta-problem of artificial consciousness and moral status - Giacomo Zanotti

Sala Convegni, San Micheletto Complex

Chairs: Sara Palumbo, Giulio Bernardi

Neuro-doping: fairness, autonomy and authenticity tested by transcranial stimulation techniques - Luca Grion

How Neuroscience Can Help Us for Understanding and Reducing Political Polarization - Ivan Mladenovic

A call for the demystification of neuroscience as a neuroethical imperative - Noa Cohen

Of potential and potential pitfalls: polygenic scores, Psychiatry, and the clinical encounter - Katharina Trettenbach

16:30-17:00 COFFEE BREAK | POSTER SESSION

Sala Canova, San Francesco Complex

17:00-18:00 PLENARY SESSION

Cappella Guinigi, San Francesco Complex

Chair Marcello Ienca

Implantable and wearable systems to restore and augment sensory-motor functions: opportunities and (ethical) challenges - Silvestro Micera (Sant'Anna School of Advanced Studies Pisa)

18:00 SINE MEETING

Cappella Guinigi, San Francesco Complex

20:30 SOCIAL DINNER

Ristorante Mecenate, Via del Fosso 94, Lucca

Friday - May 12th

University of Pisa, Polo Congressuale Le Benedettine

09:00-10:00 PLENARY SESSION

Aula A

Chair: Sofia Bonicalzi

No luck for moral luck - Edouard Machery (University of Pittsburgh)

10:00-11:00 PARALLEL SESSION | CONTRIBUTED PAPERS

Aula A

Chair: Andrea Lavazza

Effects of a wearable-enhanced neuroempowerment protocol on higher cognitive functions in managers - Davide Crivelli, Michela Balconi

Neuroempowerment for age management in high-level professional contexts: a comparison of junior and senior managers - Laura Angioletti, Carlotta Acconito, Katia Rovelli, Davide Crivelli, Michela Balconi

Aula B

Chair: Marcello Ienca

Robot nudging. An Ethical Exploration of an Emerging Practice in Human-Robot Interaction - Marianna Capasso, Alberto Pirni, Paolo Dario

From an extended to a relational interpretation of the right to mental integrity - Guido Cassinadri, Alberto Pirni

Aula E

Chair: Silvia Pellegrini

A Tale of Two Chimeras: Applying the Six Principles to Human Brain Organoid

Xenotransplantation - Andrew Barnhart, Kris Dierickx

Brain organoids as models: neuroethics and epistemology - Alice Andrea Chinaia

11:00-11:30 COFFEE BREAK

11:30-13:00 SINE MEDAL

Aula A

Chair: Federico Gustavo Pizzetti

Laudator: Pietro Pietrini

What is well? Reconciling first-and third-person perspectives on depression recovery with deep brain stimulation - Helen Mayberg (Mount Sinai Health System) | SINE medal for Neuroscience

13:00 CLOSING REMARKS

14:30-17:30 SATELLITE (HYBRID) EVENT - NEUROTECHNOLOGIES AND NEURORIGHTS: THE INTERNATIONAL DEBATE

Aula A

- First session: Ethical issues

Chair: Marcello Ienca

Joe Fins (Cornell University)

Philipp Kellmeyer (Freiburg University)

Gerben Meynen (Vrije Universiteit)

Sarah Songhorian (Vita-Salute San Raffaele University)

- Second session: Legal issues

Chair: Andrea Lavazza

Susie Alegre (International Human Rights Lawyer, London)

Sjors Ligthart (Tilburg University)

Federico Gustavo Pizzetti (University of Milan)

Marta Maria Sosa Navarro (Bicocca University)

Conference Fees

80 euros

(Students, Ph.D. candidates, and residents will be granted free access)

Registration form: <https://forms.gle/sHT6uZTCm7Cku5Gv9>

Scientific and Organizing Committee

Federico Gustavo Pizzetti (University of Milan, SIne President)

Joseph J. Fins (Weill Cornell Medical College, INS President)

Michela Balconi (Catholic University of the Sacred Heart, Milan)

Sofia Bonicalzi (Roma Tre University)

Matteo Cerri (University of Bologna)

Gustavo Cevolani (Scuola IMT Alti Studi Lucca)

Camilla Colombo (Scuola IMT Alti Studi Lucca)

Mario De Caro (Roma Tre University - Tufts University)

Michele Di Francesco (IUSS, Pavia)

Marcello Lenca (EPFL)

Andrea Lavazza (Centro Universitario Internazionale, Arezzo)

Sara Palumbo (University of Pisa)

Silvia Pellegrini (University of Pisa)

Pietro Pietrini (Scuola IMT Alti Studi Lucca)

Massimo Reichlin (Vita-Salute San Raffaele University)

Sarah Songhorian (Vita-Salute San Raffaele University)

Organizing secretary

Sarah Songhorian

e-mail: convegno@societadineuroetica.it

News and information about the Conference are available on the SIne website:

<https://societadineuroetica.wordpress.com/>