

Programme
UNESCO International Conference on
Ethics of Neurotechnology

Towards an Ethical Framework to Protect and Promote Human Rights and Fundamental Freedoms

13 July 2023, Room I

UNESCO HQ, Paris

9:30 – 9:45	<p>Welcoming Remarks</p> <ul style="list-style-type: none"> • António Guterres, Secretary-General of the United Nations (message) • Audrey Azoulay, Director-General of UNESCO
9:45 – 10:00	<p>Special address</p> <ul style="list-style-type: none"> • Gabriel Boric, President of Chile (video) • Pedro Sánchez Pérez-Castejón, Prime Minister of Spain (video) • Amandeep Singh Gill, UN Secretary-General’s Envoy on Technology (online) • Tim Engelhardt, Office of the United Nations High Commissioner for Human Rights (OHCHR)
10:00– 10:45	<p>Scene-Setting Session</p> <p><i>Keynote speech</i></p> <ul style="list-style-type: none"> • Gabriela Ramos, Assistant Director-General of UNESCO for Social and Human Sciences <p><i>In conversation with:</i></p> <ul style="list-style-type: none"> • Hervé Chneiweiss, Director, Centre de recherche Neurosciences Paris Seine, Centre National de la Recherche Scientifique (CNRS), and former Chair of the UNESCO International Bioethics Committee • Emily Cross, Professor of Cognitive & Social Neuroscience, Head of the Social Brain Sciences Group, ETH Zürich, and Member of the UNESCO International Bioethics Committee
10:45 – 11:00	<p>Coffee Break</p>
11:00– 12:30	<p>High-Level Session: <i>Regulations and policy actions</i></p> <p><i>Moderated by</i> Gabriela Ramos, Assistant Director-General of UNESCO for Social and Human Sciences</p> <ul style="list-style-type: none"> • France: Sylvie Retailleau, Minister of Higher Education and Research (tbc) • Morocco: Abdellatif Miraoui, Minister of Higher Education, Scientific Research and Innovation

- **Slovenia:** **Emilija Stojmenova Duh**, Minister of Digital Transformation
- **Spain:** **Carme Artigas**, Secretary of State for Digitalization and Artificial Intelligence
- **Chile:** **Carolina Gainza**, Under-Secretary, Science, Technology, Innovations and Knowledge
- **Saudi Arabia:** **Basma Al-Buhairan**, Advisor at the Research Development Innovation Authority, Managing Director for the Centre for Fourth Industrial Revolution

12:30 – 14:00 Lunch Break

14:00 – 15:15 Expert Session: *Technological advancement and opportunities*

Moderated by **Peter O'Brien**, Technology Editor, France 24

- **Gloria Patricia Cardona-Gómez**, Professor, Antioquia University, and Vice President of the Federation of Latin American and Caribbean Neuroscience Societies
- **Yukiyasu Kamitani**, Professor, Graduate School of Informatics, Kyoto University, and Head of Department of Neuroinformatics, ATR Computational Neuroscience Laboratories
- **Mu-Ming Pu**, Founding Director, Institute of Neuroscience (ION), Chinese Academy of Sciences and Chair of Organizing Committee, China Brain Project
- **Liina Pylikkanen**, Professor of Linguistics and Psychology, New York University, Director of the NYU Neurolinguistics Lab, and President of the Society for the Neurobiology of Language
- **Paweł Świeboda**, Director General, Human Brain Project and CEO of EBRINS AISBL
- **Rafael Yuste**, Professor of Biological Sciences and Neurosciences, Columbia University and Advisor to the Chilean Senate and the Spain Neurotech

15:15 – 15:30 Coffee Break

15:30 – 16:15 Fireside Chat: *Launch of the UNESCO publication “Unveiling the neurotechnology landscape: scientific advancements, innovations and major trends”*

Presented and moderated by **Mariagrazia Squicciarini**, Chief of Executive Office and Director *ad interim*, UNESCO Social and Human Sciences Sector, *with* **Roman Jurowetzki**, Associate Professor, Aalborg University

In conversation with

- **Amy Kruse**, General Partner & Chief Investment Officer (Satori Neuro), Satori Capital
- **Ryota Kanai**, Founder & CEO, Araya

16:15 – 17:30 Expert Session: *Ethical challenges and human rights implications*

Moderated by **Dafna Feinholz**, Chief, Bioethics and Ethics of Science and Technology Section, UNESCO Social and Human Sciences Sector

- **Kenisha Arora**, Founder of The HopeSisters, Youth Representative on SDG 4 High-Level Steering Committee
- **Graham Fieggen**, Director, Neuroscience Institute and Helen and Morris Mauerberger Professor, University of Cape Town

- **Frederic Gilbert**, Associate Professor, Head of Discipline, Philosophy & Gender Studies, University of Tasmania
- **Marcello Ienca**, Professor in Ethics of AI and Neuroscience, Technical University of Munich
- **Judy Illes**, Professor of Neurology, Distinguished University Scholar in Neuroethics, and Director, Neuroethics Canada, University of British Columbia, and President of the International Brain Initiative (IBI)
- **Ferenc Oberfrank**, Director of the Public Association of the Hungarian Academy of Sciences
- **Milena Costas Trascasas**, Rapporteur of the Study on Neurotechnology and Human Rights, Chair of the UN Advisory Committee of the Human Rights Council

17:30 – 18:15 **Fireside Chat:** *“Why neurotechnology matters for all”*

With **Gabriela Ramos**, Assistant Director-General for Social and Human Sciences and **Nita A. Farahany**, Robinson O. Everett Professor of Law, Duke University

18:15 – 18:30 **Concluding session**

- **Gabriela Ramos**, Assistant Director-General of UNESCO for Social and Human Sciences
- **Dafna Feinholz**, Chief, Bioethics and Ethics of Science and Technology Section, Social and Human Sciences Sector, UNESCO
- **Hervé Chneiweiss**, Director, Centre de recherche Neurosciences Paris Seine, Centre National de la Recherche Scientifique (CNRS), and former Chair of the UNESCO International Bioethics Committee