# ROUND TABLE:
# NEUROTECHNOLOGIES AND HUMAN RIGHTS FRAMEWORK: DO WE NEED NEW RIGHTS?

Co-organised by the Council of Europe and the Organisation for Economic Co-operation and Development

**PROGRAMME**
Online
9 November 2021

OECD
BETTER POLICIES FOR BETTER LIVES

COUNCIL OF EUROPE
CONSEIL DE L'EUROPE

# NEUROTECHNOLOGIES AND HUMAN RIGHTS FRAMEWORK: DO WE NEED NEW RIGHTS?

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## PROGRAMME

### RAPPORTEURS

- Ms Siobhán O'Sullivan
  *General Rapporteur, Vice-Chair of the Committee on Bioethics of the Council of Europe (DH-BIO)*

- Ms Alessandra Pierucci
  *Chair of the Committee of Convention108 of the Council of Europe (T-PD) (NBC)*

- Ms Karen Rommelfanger
  *President and CEO, Institute of Neuroethics (for OECD)*

- Mr Hervé Chneiweiss
  *Head of Neuroscience Paris Seine Research Center at Sorbonne University, Chairperson of the Ethics Committee of France's National Institute of Health and Medical Research (INSERM), and Chairperson of the International Bioethics Committee of UNESCO (IBC)*

9:45 - 10:00 Connection of participants to virtual room

**10:00 - 10:30** **OPENING OF THE ROUND TABLE**

- Mr Christophe Poirel
  *Director, Human Rights Directorate of the Council of Europe*

- Mr Dirk Pilat
  *Deputy Director of the OECD Directorate for Science, Technology and Innovation*

- Ms Gabriela Ramos
  *Assistant Director-General for the Social and Human Sciences of UNESCO*

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**10:30 - 11:30**

**SESSION I**

**INTRODUCTION TO THE HUMAN RIGHTS ISSUES RAISED BY THE APPLICATIONS OF NEUROTECHNOLOGIES IN THE BIOMEDICAL FIELD**

*Chair : Mr David Winickoff, Secretary of the Working Party on Bio-, Nano-, and Converging Technology (BNCT) at the Organisation for Economic Cooperation and Development (OECD)*

**TECHNOLOGY AND THE HUMAN BRAIN**

- Mr Rafael Yuste (video recording)
  *Professor of Biological Sciences and Director of the Neurotechnology Center, Columbia University, USA*

**"NEURORIGHTS" AND EXISTING FRAMEWORKS**

- Mr Marcello Ienca
  *Principal Investigator and Head of the Intelligent Systems Ethics Unit, Swiss Federal Institute of Technology in Lausanne (EPFL), Switzerland*

**RECOMMENDATION OF THE OECD COUNCIL, ON RESPONSIBLE INNOVATION IN NEUROTECHNOLOGY**

- Ms Myong Hwa Lee
  *Research Fellow, Head, Office of National R&D Research, Science and Technology Policy Institute (STEPI), Korea*

**11:10 - 11:30** **Discussion Q&A**

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**11:30 - 12:30**

**SESSION II**
**AREAS OF ETHICAL AND LEGAL SIGNIFICANCE: EXAMPLES OF APPLICATIONS IN DIFFERENT FIELDS**
*Chair : Mr Mark Bale, Committee on Bioethics of the Council of Europe (DH-BIO)*

**MEDICAL FIELD**

- Mr Carlo Caltagirone
  *Neurologist and neuroscientist, Scientific Director at IRCCS Santa Lucia Foundation, Italy*

**NON-MEDICAL FIELD**

- Mr Peter Reiner (video recording)
  *Professor of Neuroethics, Department of Psychiatry, University of British Columbia, Canada*

**12:10 - 12:30** **Discussion Q&A**

**12:30 - 13:00**
**14:30 - 16:00**

**SESSION III**
**WHAT ARE THE HUMAN RIGHTS AT STAKE?**
*Chair : Mr Marcello Ienca, Principal Investigator and Head of the Intelligent Systems Ethics Unit, Swiss Federal Institute of Technology in Lausanne (EPFL), Switzerland*

**12:30 - 13:00** **1. PRIVACY AT STAKE**

**INTRODUCTORY PRESENTATION**

- Mr Gianclaudio Malgieri
  *Associate Professor of Law at EDHEC Augmented Law Institute, France*

**COMMENTING PRESENTATION**

- Ms Fruszina Molnár-Gábor
  *Research group leader, Heidelberg Academy of Sciences and Humanities, Germany*

**13:00 - 14:30** **Lunch Break**

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**14:30 - 15:00**

## 2. INTEGRITY AT STAKE

**INTRODUCTORY PRESENTATION**

- Ms Emily Cross
  *Professor of Social Robotics, University of Glasgow, and Professor of Human Neuroscience, Macquarie University, member of the UNESCO International Bioethics Committee (IBC), Australia*

**COMMENTING PRESENTATIONS**

- Mr Jakob Elster
  *Associate Professor, Norwegian Centre for Human Rights, University of Oslo, Norway*

- Ms Judy Illes (video recording)
  *Distinguished University Scholar, Professor of Neurology, University of British Columbia, Director of Neuroethics Canada*

**15:00 - 15:30**

## 3. FREEDOM AT STAKE

**INTRODUCTORY PRESENTATION**

- Ms Susie Alegre
  *International Human Rights Barrister, Associate, Doughty Street Chambers, United Kingdom*

**COMMENTING PRESENTATIONS**

- Mr Miguel Cabral
  *Public Health Medical Doctor, Public Health Unit of Maia/Valongo, Portugal*

**15:30 - 16:00**

## 4. NON-DISCRIMINATION AT STAKE

**INTRODUCTORY PRESENTATION**

- Ms Nita Farahany
  *Robinson O. Everett Distinguished Professor of Law & Philosophy and Founding Director of the Duke Initiative for Science & Society, USA*

**COMMENTING PRESENTATIONS**

- Mr Philipp Kellmeyer
  *Neurologist, Head of the Neuroethics and AI Ethics Lab, University Medical Center Freiburg, Germany*

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**16:00 - 17:00**

**SESSION IV**
**NEW RIGHTS OR STRENGTHENING EXISTING HUMAN RIGHTS?**
**AVENUE FOR ACTIONS TOWARDS NEW GOVERNANCE**
*General rapporteur: Ms Siobhán O'Sullivan, Vice-Chair of the DH-BIO*

- Mr Morten Ruud
  *Chair of the Steering Committee for Human Rights (CDDH), Council of Europe*

- Ms Paula Martinho da Silva
  *Member of the UNESCO International Bioethics Committee (IBC)*

- Ms Francoïse Roure
  *Chair, Working Party on Biotechnology, Nanotechnology and Converging Technologies, OECD, Chair, Committee Security, Safety and Risks, Ministy of Economy and Finance, France.*

- Mr Henry T. Greely
  *Professor by courtesy of Genetics, Stanford School of Medicine, Director of the Center for Law and the Biosciences, Chair of the Steering Committee of the Center for Biomedical Ethics, USA*

- Mr Abel Wajnerman Paz
  *Professor and Director of the Neuroethics Group, Department of Philosophy, Alberto Hurtado University, Santiago, Chile*

- Mr Oktawian Nawrot
  *Professor of Law at the University of Gdansk, Poland*