

INTERNATIONAL WORKSHOP ON CONTROVERSIES AND POLARIZATION ON DISRUPTIVE TECHNOLOGIES

5TH AND 6TH OCTOBER, 2020 IN GRANADA, SPAIN



CSIC



European Union
European Regional
Development Fund
Investing in your future

MONDAY, OCTOBER 5TH (ONLINE SESSION): PERSPECTIVES ON DISRUPTIVE TECHNOLOGIES

10:00-11:00 (CET) **Welcome and opening keynote-talk**

Prof. Philip Brey (University of Twente, Netherlands): *Disruptive technologies: Social, Moral and Ontological Consequences*

11:00-12:00 (CET) **Perspectives from the Netherlands**

Alfred Archer, Natascha Rietdijk and Nathan Wildman (Tilburgun University, Netherlands): *Online Affective Manipulation as Affective Powerlessness*

Benjamin Hofbauer (TU Delft, Netherlands): *What makes Stratospheric Aerosol Injection a Special Case? Technology as an Explicit Intervention*

12:00-12:15 (CET) **Break**

12:15-12:45 (CET) **Perspective from Italy**

Agostino Cera (University of Naples "Federico II", Italy): *Homo Deus sive Homo Datum. An Ontology of Dataism*

16:00-17:00 (CET) **Afternoon session: perspectives from North and South America**

Bartek Chomanski (The Rotman Institute of Philosophy, Canada): *The Problem with Regulating Big Tech*

Luis Felipe Matos Trifu (National University of San Marcos, Peru): *Creating Ethical Machines. The Case for Artificial Moral Agents*

17:00- 17:30 (CET) **Break**

17:30-19:00 (CET) **Afternoon session (in Spanish): perspectives from Spain**

Natalia Fernández (University of Oviedo): *¿Es la gametogénesis in vitro una tecnología disruptiva? Innovación en tecnologías reproductivas*

Ekain Payán (University of Basque Country): *Tendiendo puentes hacia una gobernanza democrática global en materia de edición genética: un examen de la Declaración de Ginebra*

Antonio Luis Terrones (University of Murcia): *IA responsable desde un compromiso cívico y democrático*



If you want to attend the online session, please send us an email to disruptivetechgranada@gmail.com. We will send you the link and the password to the virtual meeting!

TUESDAY, OCTOBER 6TH (SESSION IN GRANADA)*:

BRAIN COMPUTER INTERFACES AND OTHER DISRUPTIVE TECHNOLOGIES

10:00-11:15 **Disruptive Neurotechnologies? Invited panel on Brain Computer Interfaces**
(Chair: David-Rodríguez-Arias)

Camila Rodrigues de Carvalho e Carvahlo (Spanish National Research Council): *The EXTEND Project: Incomplete Spinal Cord Injury Rehabilitation with a Robotic Exoskeleton through Intramuscular Electromyographic Signals*

Arantxa San Agustín Pérez (Spanish National Research Council): *Neuromodulation: From Neurostimulation to Behavioral and Cognitive Enhancement*

11:15-11:45 **Coffee Break**

11:45-12:45 **Session in English** (Chair: Jon Rueda)

Miguel Moreno (University of Granada): *CRISPR Systems for Gene-Editing in Humans: Safety Concerns and Alternatives*

Aníbal Monasterio Astobiza (University of Basque Country): *Experimental Philosophy of Artificial Intelligence and Robotics or the Quest to Understand Laypeople's Intuitions about Machines*

12:45-13:00 **Break**

13:00-13:30 **Afternoon session in Spanish I** (Chair: Jon Rueda)

Pablo García-Barranquero (University of Malaga): *El discurso transhumanista en tiempos de pandemia*

13:30-16:00 **Lunch time** (in the Hotel Catalonia Granada)

16:00-17:30 **Afternoon session in Spanish II** (Chair: Belén Liedo)

Manuel Almagro Holgado (University of Granada): *Polarización política como radicalismo*

Xandra Garzón (Spanish National Research Council): *La IA en el videojuego y sus implicaciones ético-jurídicas: de lo inocuo a lo terrorífico*

Daniel Peres Díaz (University of Granada): *Digitalización, robotización e inteligencia artificial: Análisis ético y jurídico de las tecnologías disruptivas en el trabajo*

17:30-18:00 **Break**

18:00-19:15 **Closing session: Interactive Robotics Documentary Film Premiere**

Daniel López Castro (Spanish National Research Council) and Mario García Pérez: *Robots are leaving the factories, will we be ready?*

 *Venue of the Workshop: **Hotel Catalonia Granada**. Address: **Avenida de Madrid, 10, in Granada**, Granada.

 More information: disruptivetech@gmail.com

 [Webpage](#): Disruptive Tech Granada, Google Sites