

Interdisciplinary International Graduate Summer School

The Impacts of Digitalization on Science and Society in the Quest for More Sustainable Futures (July 6-10, 2026)

Venue: Miramar Palace, Donostia-San Sebastián

DAY 1 – MONDAY, JULY 6

14:30-16:30h – Opening Ceremony and Welcome-Session

16:30-17:00h – Coffee Break

17:00-18:30h – Intro: Come together

DAY 2 – TUESDAY, JULY 7

9-10h – Keynote 1 – Prof. Dr. Gabriele Gramelsberger (RWTH Aachen University, Germany): *Modeling for Sustainability: Computer-Based Simulations and Artificial Intelligence*

10-11:30h – PhD Session 1 “Algorithmic Objectivity and the Politics of Digital Truth”

- **Elena del Castillo Gil** (Institute of Philosophy, Spanish National Research Council, Spain): *Epistemology of AI: Mathwashing and Neutrality of the AI.*
- **Auriane van der Vaeren** (University of Warwick, UK): *The Impacts of Digitalization on Science and Society in the Quest for More Sustainable Futures.*

11:30-12:00h – Coffee Break

12-13.30 – PhD Session 2 “Artificial Intelligence in Scientific Practice and Policy Knowledge”

- **Magdalena Warner** (LMU Munich, Germany): *How is Machine Learning Developed and Used in the Life Sciences? An Ethnographic Case Study at the Max Planck Society*
- **Angelina Sophie Dähms** (Karlsruhe Institute of Technology, KIT, Germany): *Transformation of Scientific Policy Advice through Generative AI: Reflections on the Case of Technology Assessment*

13:30-15:00h – Lunch Break

15-16:30h – PhD Session 3 “AI, Data Infrastructures and the Governance of Knowledge”

- **Genevieve Pfeiffer** (University of Oregon, USA): *TBA*
[Participation Live-Online, via ZOOM](#)

- **Lucas Staab** (Karlsruhe Institute of Technology, KIT, Germany): *Systemic Risks of Artificial Intelligence – Interactions in the Socio-technical system, Responsibility and Governance*

16:30-17:00h – Coffee Break

DAY 3 – WEDNESDAY, JULY 8

9-10h – Dr. Stefano Balbi (Basque Centre for Climate Change – BC3, Spain): *The Quest for Global Sustainability Through Digital Twins and Semantics: The Case of ARIES*

10-11:30h – PhD Session 4 “Digital Infrastructures in Energy Transitions”

- **Nils Egger** (University of Stuttgart, Germany): *Digital Planning Support Systems as Part of a Transformative Governance? The Co-Pro-duction of Transformative Knowledge in Heat Transitions*
- **Martin Möhring** (University of Applied Sciences Merseburg, Germany): *From the Flow of Electrons to the Flow of Data: A Sociotechnical Analysis of Labour in Transitioning Electrical Grids*

11:30-12:00h – Coffee Break

12-13:30h – PhD Session 5 “Sustainability Beyond DigiTech Optimism”

- **Berit D. Wolff** (Karlsruhe Institute of Technology, KIT, Germany): *The (Un)sustainability of Digital Technology. Use A Social Practice Approach to the Entanglement of Sustainability and Digitalisation*
- **Oihana Iglesias Carrillo** (University of the Basque Country UPV/EHU, Spain): *Rethinking Digital Sociotechnics: From Substantive Conceptions to Relational Constellations*

13:30-15:00h – Lunch Break

15-16:30h – Workshop with Jacob Park AI, Climate Change and Energy Transitions

20:00h – Dinner

DAY 4 – THURSDAY, JULY 9

9-10h - Prof. Dr. Harro van Lente (Maastricht University, The Netherlands): *Epistemic Imaginaries Transformations in Times of Digitalization and Climate Crisis*

10-11:30h – PhD Session 6 “Participation, Inclusion and Epistemic Agency in Digital Societies”

- **David-Álvaro Martínez** (University of the Basque Country UPV/EHU, Spain): *Open Anticipatory Governance in Nanomedicine: A Relational Construction of Sociotechnical Futures in Responsible Innovation Contexts*
- **Jo Haas** (University of Innsbruck, Austria): *Digital Accessibility and Universal Access in Co-constructed Neurodivergent Communities*

11:30-12:00h – Coffee Break

12-13:30 – PhD Session 7 “Digital Innovation in Public Infrastructures and Urban Systems”

- **Lidice Romero Amondaray** (Universitat Oberta de Catalunya, Spain): *Framework for integrating Remote Patient Monitoring into Resource-Constrained Primary Care for Elderly: A Case Study in Cuba*
- **Bendjedid Rachad Sanoussi** (Euromed Business School, Euromed University of Fes, Morocco): *Artificial Intelligence, Urban Mobility and Sustainable Tourism in Morocco: Evidence from Morocco*

DAY 5 – FRIDAY, JULY 10

9-10:30h – PhD Session 8 “Platform Infrastructures and Digital Value Systems”

- **Camilla Rinciari** (Politecnico di Milano, Italy): *Video Games as Socio-Technical Systems: Investigating Agency and Design of Platform Tools in the Age of Platformization and Contingent Cultural Production*
- **Swaeny Nina Kersaan** (Universitat Oberta de Catalunya, Spain): *Digital Value Tokens and User/Player Spaces*

10:30-11:30h – **Outro:** Interactive Session on What have we learned? What comes next?

11:30-12:00h – Coffee Break

12:00-13:30h – Feedback Round and Closing Ceremony