

DIGITAL TECHNOLOGIES & SUSTAINABLE DEVELOPMENT SEMINARS 2024

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Politecnico di Milano, Bovisa Campus B2.2.4, 9.15 AM



ETHICS, SOCIETY AND
DIGITAL DATA



SMART GOVERNANCE FOR SUSTAINABLE
DEVELOPMENT AT COMMUNITY LEVEL

SEMINAR TOPICS

EXPERT LECTURES

STUDENT PRESENTATIONS

17/09 INTRODUCTION TO THE COURSE

01/10 1. PERSONAL DATA, COMPUTER ETHICS AND THE PROBLEM OF PRIVACY

Individual and social impacts of the use of personal data
Laura Varisco, 42design

Information flow and privacy
Al Bostami Reem, Khan Sana Farooq, Zhu Giulia Jiangxian

08/10 2. ARTIFICIAL INTELLIGENCE, OPERATIONAL LISTENING AND HUMAN RIGHTS

Are machines emulating humans?
Domenico Napolitano, Università L'Orientale di Napoli

AI Governance and Human Rights
Cavasin Anna, Ferrarelli Martina, Maestri Francesca

15/10 3. INTERACTIVE GAMES AND GAMIFICATION

Internet mon amour
Agnese Trocchi, Carlo Milani, Martino Morandi, CIRCE

Games for social causes
Atmaca Gülenay Elif, Aydin Derya, Topada Tugce, Turkoz Iklima Ikbal

22/10 4. ENGAGING COMMUNITIES IN CLIMATE PLANNING AND ACTION

Making Climate Action accessible to all
Nicola Colaninno, Polimi & MIT

Nudging & Rewards in Sustainable Environmental Policy
Idrizbegovic Lamija, Monsef Alexandre, Cagdas Elibol, Placido Robjason

29/10 5. SHARING ECONOMY AND COLLABORATIVE PLATFORMS

Deliberative and collaborative platforms for decision making
Michelangelo Secchi, DASTU, Polimi

Platform cooperativism and sharing economy
Pascual Lluésma Juan Manuel, Ponebsek Lara, Pisani Federica, Moudry Michael

05/11 6. EXTENDED EXPERIENCING: APPLICATION AND SUSTAINABILITY CHALLENGES

Digital technologies for smart governance
Barbara Piga, Labsimurb, Polimi

Environmental impact of digital technologies
Yi Chunhan, Yu Guanjun, Zhao Kangyu, Bao Yaru

12/11 PIT STOP: INTRODUCTION TO PAPER AND PROJECT WORK

19/11 7. CITIZEN SCIENCE FOR ENVIRONMENTAL DATA GENERATION AND CO-MONITORING

Informed urban environments and co-monitoring communities
Farah Makki, Labsimurb, Polimi

Citizen science or scientific citizen movements
Chen Siru, Liu Xinyu, Yue Chenxi, Cao Muan

26/11 8. FACIAL RECOGNITION AND SURVEILLANCE RESILIENCE

Adversarial knitted textiles
Rachele Didero, MIT

Surveillance resilience
Antoš Šimon, Diaz Martinez Maria Camila, Moonen Evianne Angelina

03/12 9. DIGITAL TECHNOLOGIES FOR AND IN NATURE BASED SOLUTIONS

Using digital methods to investigate corporate greenwashing
Angeles Briones, DensityDesign Lab, Polimi

Evaluating Nature Based Solutions' impact on people
Blijboom Manou, Groeneveld Flien Annabel, Anselmo Matilde, Saedi Sarina

10/12 10. DATA, PARTICIPATION, ACTIVISM AND COUNTERKNOWLEDGE

Data as frictional layers of interaction
Andrea Benedetti, DensityDesign Lab, Polimi

Post truth and counterknowledge
Fabro Giulia, Rossa Stella, Cai Yuhan, Badiei Maryam

CONCLUDING WORKSHOP

17/12 BLOCKCHAIN AND DIGITAL LEDGER TECHNOLOGIES

LED BY

Francesco Bruschi
DEIB, Politecnico di Milano