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UNIVERSITY  
OF TRENTO - Italy  
Department of Sociology  
and Social Research

UNIVERSITÉ PARIS I  
PANTHÉON SORBONNE  
CETCOPRA

T/S **TECNOSCIENZA**  
Italian Journal of Science & Technology Studies

# 6<sup>th</sup> STS Italia Conference Sociotechnical Environments

24-26 November 2016

Department of Sociology and Social Research  
via Verdi, 26 - Trento, Italy

# GENERAL PROGRAMME

## THURSDAY 24<sup>th</sup>

9.00 – Welcome and registration

10.30-11.00 – Introduction and Greetings

11.00-12.30 – Opening Plenary: Felix Ekardt (Universität Rostock ), Christine Fassert (IRSN and Université Paris 1 Panthéon-Sorbonne), Luigi Pelizzoni (Università di Trieste)

*Sociotechnical Environments: Actors, Technologies, Geographies and New Kinds of Action*

12.30-14.00 – Lunch

14.00-15.30 – Parallel Sessions

- Track 1. Open Track
- Track 4. Contemporary Art as Mediation of Ecological Crisis
- Track 5. Sociotechnical Environments and Practice-Centred Mobilizations: Exploring the Interface
- Track 9. Environmental Sustainability, Socio-Technical Transitions and Practices
- Track 11. Gendering, Learning, and Work Practices in Technologically Dense Environments
- Track 17. Designing Objects that Act. The Contribution of Interaction Design to the Theories of the Agency of Objects

15.30-16.00 – Coffee Break

16.00-17.30 – Parallel Sessions

- Track 1. Open Track
- Track 4. Contemporary Art as Mediation of Ecological Crisis
- Track 5. Sociotechnical Environments and Practice-Centred Mobilizations: Exploring the Interface
- Track 9. Environmental Sustainability, Sociotechnical Transitions and Practices
- Track 11. Gendering, Learning, and Work Practices in Technologically Dense Environments -
- Track 13. Sociotechnical Infrastructures and Ecological Environments

18.00-19.00 – Tecnoscienza-Italian Journal of Science and Technology Studies presents:

*Challenging STS: Digital Publishing and Digital Circulation*

19.00-20.00 – Welcome Aperitif

## FRIDAY 25<sup>th</sup>

9.00-10.30 – Parallel Sessions

- Track 6. Theoretical and Empirical Approaches to the Environments of Care
- Track 9. Environmental Sustainability, Sociotechnical Transitions and Practices
- Track 11. Gendering, Learning, and Work Practices in Technologically Dense Environments
- Track 13. Sociotechnical Infrastructures and Ecological Environments
- Track 17. Designing Objects that Act. The Contribution of Interaction Design to the Theories of the Agency of Objects
- Track 18. Aligning Biotechnologies, Clinical Labor and Knowledge: The Reconfiguration of Contemporary Biomedical Landscapes
- Track 19. It's Not All About Numbers: Gendering Processes in Technologies and Technological Careers
- Track 21. Shaping Responsibility in Socio-Technical Environments

11.00-12.30 – Plenary session: Jennifer Gabrys (Goldsmiths University of London)

*Environmental Sensors and Planetary Computerization: Remaking Milieus and Subjects through New Sensing Practices*

12.30-14.00 – Lunch

#### 14.00-15.30 – Parallel Sessions

- **Track 2.** Let's Do Retro-ANT!
- **Track 6.** Theoretical and Empirical Approaches to the Environments of Care
- **Track 8.** Exploring Sociotechnical Forms of City Making
- **Track 11.** Gendering, Learning, and Work Practices in Technologically Dense Environments
- **Track 12.** Communicating Research in Public
- **Track 13.** Sociotechnical Infrastructures and Ecological Environments
- **Track 14.** Media Environments: Metaphors, Ecologies, Materialities, Infrastructures
- **Track 17.** Designing Objects that Act. The Contribution of Interaction Design to the Theories of the Agency of Objects
- **Track 18.** Aligning Biotechnologies, Clinical Labor and Knowledge: The Reconfiguration of Contemporary Biomedical Landscapes

#### 15.30-16.00 – Coffee Break

#### 16.00-17.00 – Parallel Sessions

- **Track 1.** Open Track
- **Track 3.** Beyond “Nightmares” and “Promises”: Politics and Practices of Health Self-Tracking
- **Track 8.** Exploring Sociotechnical Forms of City Making
- **Track 10.** Towards an Ecology of Neglected Things
- **Track 12.** Communicating Research in Public
- **Track 15.** Fukushima and the “Reactivation” of Nexus between Knowledge Production, Expertise and Governmental Decisions
- **Track 16.** Robotics in Everyday-Life of Sociotechnical Environments: STS Perspectives
- **Track 17.** Designing Objects that Act. The Contribution of Interaction Design to the Theories of the Agency of Objects
- **Track 20.** The Use of Imaging Technologies in the Biomedical Field. New Expertise, Practices and Professional Visions

#### 17.15-18.45 – STS Italia Meeting

#### 20.30 – Social Dinner

## SATURDAY 26<sup>th</sup>

#### 9.00-10.30 – Parallel Sessions

- **Track 1.** Open Track
- **Track 2.** Let's Do Retro-ANT!
- **Track 3.** Beyond “Nightmares” and “Promises”: Politics and Practices of Health Self-Tracking
- **Track 7.** Algorithmic Social Influence
- **Track 10.** Towards an Ecology of Neglected Things
- **Track 14.** Media Environments: Metaphors, Ecologies, Materialities, Infrastructures
- **Track 15.** Fukushima and the “Reactivation” of Nexus between Knowledge Production, Expertise and Governmental Decisions
- **Track 16.** Robotics in Everyday-Life of Sociotechnical Environments: STS Perspectives
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- **Track 19.** It's Not All About Numbers: Gendering Processes in Technologies and Technological Careers
- **Track 20.** The Use of Imaging Technologies in the Biomedical Field. New Expertise, Practices and Professional Visions

#### 10.30-11.00 – Coffee Break

#### 11.00-12.30 – Plenary session: Steve Yearley (Edinburgh University)

*Key Convergences between STS and Environmental Sociology: Understanding Nature Within the Discourse of Science*

#### 12.30 – Concluding Remarks and Greetings

# DETAILED TRACK PROGRAMME

## TRACK 1: Open Track

### 1.1. Thursday, November 24, 14.00-15.30

Chair: Roberta Raffaetà (Università di Milano Bicocca)

- Stephen Herring – Information Salvage
- Daniel Dobrogorsky – Designing autonomous objects for everyday life
- Francesco Ermanno Guida, Ernesto Voltaggio, Camilla Ferrari, Serena Liistro, Mauro Vitali – Emotions behind a sphere. Experimentations for an interactive object communicating brand values and encouraging behavioural changes (or reactions)
- Andrea Russo, Samuele Barone – Fluid Li-Fi on Demotic services

### 1.2. Thursday, November 24, 16.00-17.30

Chair: to be confirmed

- António Carvalho – Assembling Mindfulness: silence, emergence, neurons and biopolitics
- Ricardo Saint-Clair – Interrelations between human agency and object agency within co-making environments
- Mauro Ceconello, Davide Spallazzo – Designing digital encounters and their agency on users. A case study.

### 1.3. Friday, November 25, 16.00-17.00

Chair: to be confirmed

- Roberto Franco Greco – Open innovation e tutela giuridica dell'ambiente. Il caso dell'open source seed initiative
- François Thoreau, Fanny Duysens – What can a diagnosis do? The case of the "geneticization" of autism
- Ilaria Galasso, Giuseppe Testa – Precision Medicine between environmental 'acknowledgementism' and 'interventionism'

### 1.4. Saturday, November 26, 9.00-10.30

Chair: to be confirmed

- Francesca Bitetto, Angela Balzotti, Rosa Gallelli, Cosimo Imperiale, Silvio Vacca – Nuovi paesaggi urbani e benessere individuale e collettivo
- Gionata Gatto – Geomerce: Turning Arabidopsis Halleris into German Miners. A case study situated in North-Rhein Westfalia, involving Speculative Design, Ecology and Plant Neurobiology.
- Ye-seul Kim – Social spirits and technologies

## TRACK 2: Let's Do Retro-ANT!

**Convenors:** Alvisè Mattozzi (Free University of Bozen-Bolzano), Annalisa Pelizza (University of Twente)

### 2.1. Friday, November 25, 14.00-15.30

- Alvisè Mattozzi – Retro-ANT: an introduction
- Federico Cabitza – Scripts volant, configurations manent. Getting the useful from descriptions, to free design from designations
- Annalisa Pelizza – Disciplining change, displacing frictions. Digital circulation across government databases and the quest for data quality
- Judith Igelsböck – Engaging the vintage-concept of the 'script' in industrial innovation studies - Or how retro-ANT is perfect but not enough

## 2.2. Saturday, November 26, 9.00-10.30

- Giuditta Bassano – Niente altro che argomenti e fascicoli. Note sui presupposti della svolta materialistica in *La fabbrica del diritto*
- Victoria Gorton – Enrolling and translating: experiences of using ANT in an educational research setting
- Francesco Galofaro – Semiotic machines: portrait of an Actor-Network as a finite state automaton

## **TRACK 3: Beyond “Nightmares” and “Promises”: Politics and Practices of Health Self-Tracking**

**Convenors:** Francesco Miele (FBK - Fondazione Bruno Kessler, Trento), Enrico Maria Piras (FBK - Fondazione Bruno Kessler, Trento)

### 3.1. Friday, November 25, 16.00-17.00

- Nicola Doppio, Enrico Maria Piras – Tracking as family gaming. Self-tracking practices between social ties and external rewards.
- Monika Urban – Senior a cyborg

### 3.2. Saturday, November 26, 9.00-10.30

- Tariq Osman Andersen – The win-win of self-tracking: insights from making symptom experiences a boundary negotiating artefact
- Veronica Moretti, Barbara Morsello – Metior ergo sum: quantificare la salute attraverso il self-tracking
- Alberto Zanutto – "I wanted to have his exams looked at by whom I wanted and how I wanted without always having to ask!" Personal health data in frequent users' life: from institutional design to self-tracking

## **TRACK 4: Contemporary Art as Mediation of Ecological Crisis**

**Convenors:** Monsaingeon Baptiste (CNRS/Centre Alexandre Koyré, Paris), Raineau Laurence (Université Paris 1 Panthéon-Sorbonne)

### 4.1. Thursday, November 24, 14.00-15.30

- Marion Roussel – Architecture, Technique and environmental issues
- Marta Gasparin, Schinckus Christophe – Corporate social responsibility: art of thinking or artistic thought? A ready-made investigation
- Giacomo Festi – Branding art: painting techniques, sustainability, esthetics and participation renegotiated in marketing practices

### 4.2. Thursday, November 24, 16.00-17.30

- Azadeh Nilchiani, Miguel Almiron – Sound art, a way to ecological awareness
- Emmanuel Ferrand – Synthetic biology as the new frontier of contemporary art: bioart and biohackers in the context of the environmental crisis.
- Sana Boukhris, Miguel Almiron – The connection between digital body and universe

## **TRACK 5: Sociotechnical Environments and Practice-Centred Mobilizations: Exploring the Interface**

**Convenor:** Luigi Pellizzoni (Università di Trieste)

### 5.1. Friday, November 25, 9.00-10.30

- Roberto Cantoni – La battaglia di Żurawlów. Formazione di expertise profana nel caso nel gas di scisto in Polonia
- Alvise Mattozzi, Tiziana Piccioni – Latte e lotte. Sulla difficoltà di costituirsi in movimento di allevatori, distributori automatici, microbi e mucche
- Dario Padovan, Osman Arrobbio – Making energy grids smarter. Decomposing and reassembling socio-technical apparatuses.
- Pasi Pohjolainen, Pekka Jokinen – Innovative niches of critical consumption – experimenting meat reduction practices within a social media campaign

### 5.2. Friday, November 25, 14.00-15.30

- Diletta Luna Calibeo, Richard Hindmarsh – Exploring the interface of environmental activism and sociotechnical practices of new and social media surveillance
- Ilaria Mariani, Andréa Poshar – Activism and games. Exploring boundaries
- Andréa Poshar – Of walls and holograms: expanding the territory of activism

## **TRACK 6: Theoretical and Empirical Approaches to the Environments of Care**

**Convenors:** Jérôme Michalon (Max Weber Center, France), Nicolae Stefan (University of Trier), Cristina Popescu (EHESS, France)

### 6.1. Thursday, November 24, 14.00-15.30

- Stefan Nicolae – Gaps and bridges between care and normativity
- Benjamin Lipp – The techno-politics of Care. European innovation policies and the robotisation of elderly care
- Cecilia Colloseus – “You can't put the whole birth into words! But let me tell you: the most important thing is that someone takes good care of you.” Narratives of giving birth
- Miriam Halstein – Ambivalences of care: Monitoring in NICU

### 6.2. Thursday, November 24, 16.00-17.30

- Cristina Popescu – Accessible learning environments. When care meets sociotechnical innovations for pupils with disabilities
- Lucien Tisserand – High fidelity simulation in healthcare: negotiating the roles while negotiating the real
- Silvia Fornasini, Enrico Maria Piras, Francesco Miele – Making chemotherapy/reshaping coordination. Infrastructuring administration systems in two hospital departments
- Nervo X. Verdezoto – Understanding the medication work in nonclinical settings: the case of older adults' medication practices

## **TRACK 7: Algorithmic Social Influence**

**Convenor:** Giuseppe A. Veltri (University of Leicester)

### 7.1. Saturday, 26 November, 9.00-10.30

- Giuseppe Tipaldo – Algorithms and big data: the road is paved with black boxes (and methodological issues)
- Giacomo Scillia – Strategie cognitive e razionalità limitata nella progettazione del software

- Nikolaus Pöchhacker, Andrea Geipel, Marcus Burkhardt, Jan-Hendrik Passoth – Coding relevance. Algorithmic recommender systems as mediators in media publics
- Federico Fiorelli – Il lavoro nella e-society: polarizzazione della struttura professionale e scomparsa delle professioni esprimibili in termini algoritmici
- Seppo Poutanen, Hannu Salmi – Finnish elite culture in 1640-1910: approaches to digitalized mapping and theorizing of powerful actors in the Finnish public debate

## **TRACK 8: Exploring Sociotechnical Forms of City Making**

**Convenors:** Claudio Coletta (NIRSA, Maynooth University), Liam Heaphy (NIRSA, Maynooth University), Sung-Yueh Perng (NIRSA, Maynooth University)

### 8.1. Friday, November 25, 14.00-15.30

- Tomás S. Criado – Urban accessibility issues: technoscientific democratizations at the documentation interface
- Kim Kullman – Un/Responsiveness: the politics of bodies in street furniture design
- Monika Maria Kustra, Jörg Rainer Noennig – Smart city selling? Corporate approaches on the smart city concept and urban business models

### 8.2. Friday, November 25, 16.00-17.00

- Torben Elgaard Jensen – Tracing AirBnB controversies: the making of sharing economies and policy responses in 4 European cities
- Claudio Coletta, Heapy Perngi – Civic hacking and testbedding as alternative city making

## **TRACK 9: Environmental Sustainability, Sociotechnical Transitions and Practices**

**Convenors:** Paolo Giardullo (Università di Padova), Sonia Brondi (Sapienza Università di Roma)

### 9.1. Thursday, November 25, 14.00-15.30

- Felix Ekardt – Energy transition: technological change or behavioral change?
- Natalia Magnani – Processi di intermediazione e pratiche innovative di consumo/produzione di energia rinnovabile
- Alfredo Agustoni – Technological clusters, energy transitions and social change
- Amit Akoijam – Exploring knowledge production and innovation ecosystem in the solar energy sector in India

### 9.2. Thursday, November 24, 16.00-17.30

- Matthew Del Sesto – People-plant interactions and the emergence of ecological self
- Alexander Castleton – Internet and Inuit subsistence
- Samantha MacBride – What a bag can do: compostable shopping bags and their role in reconfiguring urban material practice

### 9.3. Friday, November 25, 9.00-10.30

- Francesca Cubeddu – Efficienza Energetica, “emblema” di sostenibilità ambientale, sociale, politica ed economica
- Maruska Strada, Luca Vecchio – ISO 14001 in practice: the promotion of ecological behaviour in and of organisations
- Nuno Boavida – The use of knowledge on decisions of sustainable electric mobility
- Giulia Scocciolini – Le rappresentazioni sociali dei biocarburanti a Porto Marghera

## **TRACK 10 : Towards an Ecology of Neglected Things**

**Convenors:** Jeanne Guien (Université Paris 1 Panthéon-Sorbonne), Gabriel Dorthe (Université de Lausanne & Université Paris 1 Panthéon-Sorbonne)

### 10.1. Friday, November 25, 16.00-17.00

- Daniel Neyland, Marta Gasparin – A mundane economic exchanges: the second life of neglected things
- Joanna Croft – Gleaning, dreaming and encountering hyperobjects on the way to work: the eco-poetics of car park beach

### 10.2. Friday, Saturday 26, 9.00-10.30

- Valentina Marcheselli – Shadow biosphere and life as-we-don't-know-it
- Cléo Collomb – Making computational machines matter
- Sara Tocchetti – The unspoken: neglected discourses and emotions in becoming a different life scientist

## **TRACK 11: Gendering, Learning, and Work Practices in Technologically Dense Environments**

**Convenors:** Mariacristina Sciannamblo (Sapienza, Università di Roma), Assunta Viteritti (Sapienza, Università di Roma)

### 11.1. Thursday, November 24, 14.00-15.30

- Sveva Avveduto, Daniela Luzi, Maria Carolina Brandi, Loredana Cerbara, Maria Girolama Caruso, Lucio Pisacane, Ilaria Di Tullio – Le ricercatrici in fisica: primi risultati di un progetto di ricerca
- Chandni Vadhvana – Understanding the life of women scientists
- Veronica Paksi – The gendered life courses in engineering: work-life balance and motherhood during postgraduate studies

### 11.2. Friday, November 25, 9.00-10.30

- Mariacristina Sciannamblo – “The hard hat problem”: women traveling in the male world of computing
- Maria Silvia D’Avolio – Developing an organic strategy of change to challenge gendered stereotypes around the technological (in)capacity of women in architecture
- Ilenia Picardi, Maria Carmela Agodi – Il mentoring come strumento di valorizzazione della dimensione di genere nell’accademia
- Camilla Barbanti, Alessandro Ferrante – L’(in)differenza di genere nella sociomaterialità della scuola steineriana. Un’esperienza di ricerca

### 11.3. Friday, November 25, 14.00-15.30

- Asrun Matthiasdottir and Jona Palsdottir – Where are the girls in STEM?
- Athena Enderstein – Binding gender and technology: emergent methods and employability research
- Terje Tüür-Fröhlich – Female academics - Symbolic domination by numbers. Commercial citation indexing discriminates female academics with non-ASCII names



## **TRACK 12: Communicating Research in Public**

**Convenors:** Giuseppe Pellegrini (Observa Science in Society, Vicenza), Barbara Saracino (Università di Napoli Federico II)

### 12.1. Friday, November 25, 14.00-15.30

- Giuseppe Tipaldo – Apriti scienza: lo stato della comunicazione della scienza in Italia
- Andrea Rubin – Beyond crystallization of newsworthiness. When communicating research seems impossible
- Federico Brandmayr – Drawing boundaries between science and civil service
- Michelle Kasprzak – Artist as science communicator

### 12.2. Friday, November 25, 16.00-17.00

- Valérie November – The Risk inSight exhibition
- Ana Daldon – The challenge of collecting and exhibiting the future

## **TRACK 13: Sociotechnical Infrastructures and Ecological Environments**

**Convenor:** Giuseppina Pellegrino (Università della Calabria)

### 13.1. Thursday, November 24, 16.00-16.30

- Vivek Kant, Alexander Demos – The engineered dimension of sociotechnical systems
- Iaci Penteadó – Riverine population, natural environment and technological artifacts: ecology of a sociotechnical network in Brazilian Amazon
- Silvia Bruzzone – Innovation and the mastery of micro-pollutants contained in stormwater runoff. The design perspective

### 13.2. Friday, November 25, 9.00-10.30

- Oana Mitrea – Autonomous automobilities and the Interplay of infrastructures
- Roberta Cuel, Giusi Orobona, Diego Ponte – Changing complex socio-technical infrastructures: the case of air traffic management
- Andrea Resmini, He Tan, Vladimir Tarasov, Anders Adlemo – #ViewFromTheOffice – Reconceptualizing the workplace as an information-based ecosystem
- Sulfikar Amir – Sociotechnical infrastructures and ecological environments

### 13.3. Friday, November 25, 14.00-15.30

- Teresa Macchia – Infrastructuring is the new black. Challenges and opportunities of a fascinating intellectual tool
- Alessandro Mongili – Infrastructuring in design and development practices
- Gianmarco Campagnolo, Hung The Nguyen, Robin Williams – Digital copyright hub and the politics of infrastructural delegation

## **TRACK 14: Media Environments: Metaphors, Ecologies, Materialities, Infrastructures**

**Convenors:** Paolo Magaudo (Università di Padova), Sergio Minniti (IULM Milano)

### 14.1. Friday, November 25, 14.00-15.30

- Richard Hindmarsh, Diletta Luna Calibeo – The potential of new and social media for environmental activism in contexts of media ecology and society
- Jean-Baptiste Gouyon – Constructing the scientists-broadcasters relationship on British television in the post war. The case of wildlife filmmaking

- Tincuta Heinzl, Svenja Keune – Al Dente textiles. Notes on edible textiles as economic and ecological intermediality

#### 14.2. Saturday, November 26, 9.00-10.30

- Mariana Ciancia, Simone Tosoni – (re)Shaping imaginaries. The evolution of practices, interfaces and forms in the fan vidding phenomenon
- Paolo Bory, Gabriele Balbi – “Limiting” digital media: a theoretical approach
- Simone Tosoni – Enacting infrastructures: the case of Cadorna station

### **TRACK 15: Fukushima and the “Reactivation” of Nexus between Knowledge Production, Expertise and Governmental Decisions**

**Convenors:** Christine Fassert (IRSN & Université Paris 1 Panthéon-Sorbonne), Reiko Hasegawa (Sciences Po, Paris)

#### 15.1. Friday, November 25, 16.00-17.00

- Masae Yuasa – Fukushima and black rain class action lawsuit: reactivating the nexus of knowledge production, expertise and government decisions
- Rina Kojima – The lawsuits of the inhabitants of Fukushima: ‘solidarity in the fear’ after the nuclear accident

#### 15.2. Saturday, 26 November, 9.00-10.30

- Michiel van Oudheusden, Ine Van Hoyweghen, Shoko Tanaka – The end of citizen science as we know it? Public participation in nuclear sciences and technologies after Fukushima
- Davide Orsini – Nuclear accidents and sociotechnical controversies: the rationalizing role of citizens participation in La Maddalena
- Kohta Juraku, Shin-etsu Sugawara – Glory and failure of “SPEEDI” system: historical sociology of real-time simulation-informed emergency radiation protection scheme in Japan

### **TRACK 16: Robotics in Everyday-Life Sociotechnical Environments: STS Perspectives**

**Convenors:** Maria Carmela Agodi (Università di Napoli Federico II), Ilenia Picardi (Università di Napoli Federico II)

#### 16.1. Friday, November 25, 16.00-17.00

- Guglielmo Tamburrini – The ethical framing of research programs in robotics: an issue for STS perspectives?
- Tuomo Särkikoski, Satu Pekkarinen, Jaana Parviainen – Ageing and care robots for the future towards analyzing scripts, scenarios and scenes behind proactive technology
- Annalisa Dordoni – Robotica e lavoro: riflessioni sulle conseguenze socio-politiche dell'automazione

#### 16.2. Saturday, November 26, 9.00-10.30

- Maria Carmela Agodi, Ilenia Picardi – What’s going on in the surgery room? Observing the social impact of Da Vinci System at work
- Daniele Amoroso, Guglielmo Tamburrini - The convergence of ethical and legal arguments for banning autonomous weapons systems
- Andrea Russo, Gaetano Di Stefano – Fluid Li-Fi on domotic services

## **TRACK 17: Designing Objects that Act. The Contribution of Interaction Design to the Theories of the Agency of Objects**

**Convenors:** Paolo Volonté (Politecnico di Milano), Sara Colombo (Politecnico di Milano)

### **17.1. Thursday, November 24, 14.00-15.30**

- Lodovico Marchesini, Elif Ozcan – Intriguingly familiar. Embracing ambiguity in product design
- Juan de la Rosa – The concept of displacement (in the agency) of objects on the design process: a proposal for a possible framework for design research
- Kaajal Modi – The culture of practice: Interrogating collaborative making in design research
- Margherita Pillan – Smart digital solutions and desirable human-machine interactions: a contribution in terms of design methodology

### **17.2. Friday, November 25, 9.00-10.30**

- Stefano Maffei – Towards a post-human interaction era. Refocusing the idea of agency in the shift from individual user culture to digitally integrated systems' culture
- Ruth Neubauer – Reconceptualising design practices
- Neslihan Tepehan – Agency as a potential
- Arno Veroeven, Fabrizio Gesuelli, Graig Martin, Chris Speed – Multi-scalar object agencies. The Goldilocks affect

### **17.3. Friday, November 25, 14.00-15.30**

- Patrizia Marti – Designing behaviours for reciprocal engagement
- Massimo Micocci, Gabriella Spinelli, Marco Ajovalasit – Actualizing agency through smart products: smart materials and metaphors in support of the ageing population
- Valentina Rognoli, Stefano Parisi – Interaction matters. A materials experience's perspective on agency of objects

### **17.4. Friday, November 25, 16.00-17.00**

- Sara Bergamaschi, Jelle van Dijk – F.E.E.L.: promoting sustainable behaviour through material interactive coupling
- Daria Casciani, Fulvio Musante – What light does: reflecting on the active social effects of lighting design and technology
- Daniele Duranti, Davide Spallazzo, Raffaella Trocchianesi – Tangible interaction and cultural heritage. An analysis of the agency of smart objects and gesture-based systems

### **17.5. Saturday, November 26, 9.00-10.30**

- Silvia Doria – Designing safety. The agency of PPE in everyday work practices
- Giovanni Marmont – Acts of use from Gestell to Gelassenheit: calculative thinking and exploratory doing
- Davide Spallazzo, Ilaria Mariani – LBMGs and boundary objects. Negotiations of meaning between real and unreal
- Secil Yavuz, Nitzan Cohen, Roberta Bonetti – When objects tell stories. Children designing future smart objects

## **TRACK 18: Aligning Biotechnologies, Clinical Labor and Knowledge: The Reconfiguration of Contemporary Biomedical Landscapes**

**Convenors:** Stefano Crabu (Università di Padova), Manuela Perrotta (Queen Mary, University of London)

### 18.1. Friday, November 25, 9.00-10.30

- Antonio Francesco Maturo – Self-tracking, inter-veillance and the “endoptikon”. Why health apps have accelerated bio-medicalization
- Sylvain Besle, Pascale Bourret – From clinical trials to the clinic: translating genomic research into routine oncology practice
- Paolo Crivellari - Allineare ricerca di base e ricerca applicata nelle biotecnologie del settore medico: uno studio di caso francese su un procedimento innovativo di sequenziamento del DNA

### 18.2. Friday, November 25, 14.00-15.30

- Francisco Nunes – The medication reminder as enforcing a medicalised perspective on daily life
- Lucia Martinelli and Lucia Busatta – Frozen oocytes: polemic bio-objects to reconfigure women’s and men’s wishes, fears and contradictions
- Saheli Datta – Old policies, new science and global publics: governing stem cell research and therapies in India and China

## **TRACK 19: It's not All about Numbers: Gendering Processes in Technologies and Technological Careers**

**Convenors:** Annalisa Murgia (Università di Trento), Barbara Poggio (Università di Trento)

### 19.1. Friday, November 25, 9.00-10.30

- Venkatesh Sujatha – Gender asymmetries in science and technology in India and the world. Interplay of social structure and culture
- Günther Elisabeth Anna – Let’s talk about... Reflexivity as tool for implementing a habitus-sensitive culture
- Daniela Ferri, Tatiana Arrigoni, Ornella Mich, Anna Perini – A web resource for gender aware PhD supervision
- Virginija Šidlauskienė, Gintautas Jazdauskas – Strategy for institutional cultural change. Guiding universities to gender equality

### 19.2. Saturday, November 26, 9.00-10.30

- Marita Haas, Helene Schiffbaenker – “(do not) Publish with your supervisor!”. The ambivalent construction of independence in a scientific career
- Anne-Sophie Godfroy – It’s about numbers: a critical perspective on measuring gender equality. The challenging issues raised by the GenderTime project
- Patrizia Garengo, Chiara Salatin, Giovanni Bernardi – Challenging the norm: technologies, organisations and inclusive innovation

## **TRACK 20: The Use of Imaging Technologies in the Biomedical Field. New Expertise, Practices and Professional Visions**

**Convenors:** Marina Maestrutti (Université Paris 1 Panthéon-Sorbonne), Barbara Pentimalli (Sapienza Università di Roma)

### **20.1. Friday, November 25, 16.00-17.00**

- José A. Pires Jorge – Diagnostic radiographers' skills and radiologists competencies: boundaries and overlapping
- Vanessa Rémy, Laurent Filliettaz – Co-operative action in complex and guided technology environments: the example of X-ray technicians

### **20.2. Saturday, November 26, 09.00-10.30**

- Marie-Charlotte Bailly – La costruzione del senso nella produzione e nell'interpretazione delle immagini mediche in radioterapia: una prospettiva enattiva
- Serena Naim, Manuela Perrotta – And the winner is... Professional vision enhancement VS. algorithms in embryo selection
- Miriam Ronca – Il corpo frammentato nelle immagini laparoscopiche

## **TRACK 21: Shaping Responsibility in Socio-Technical Environments**

**Convenor:** Simone Araldi (Università di Padova)

### **21.1. Friday, November 25, 9.00-10.30**

- Patrizia Famà, Lucia Martinelli – RRI in science museums: stimulating engagement in contemporary science
- Robert Gianni, John Pearson – Responsibility as the removal of 'communicative' barriers: the example of border controls
- Andrea Lorenzet – Responsibility and realeconomiks. Technoscientific controversies on pesticides pollution in the Prosecco wine production areas of the north-east of Italy
- Renato Ponciano – A national law as an actor-network: how Guatemala's general electricity law of 1996 shaped the environmental conflicts over hydroelectricity.

# Organizing Team

## Scientific Committee

**Attila Bruni**, Università di Trento, Italy  
**Massimiano Bucchi**, Università di Trento, Italy  
**Michela Cozza**, Mälardalen University, Sweden  
**Vincenzo D'Andrea**, Università di Trento, Italy  
**Antonella De Angeli**, Università di Trento, Italy  
**Marina Maestrutti**, Université de Paris 1 Panthéon-Sorbonne, France  
**Paolo Magaudda**, Università di Padova, Italy  
**Federico Neresini**, Università di Padova, Italy  
**Luigi Pellizzoni**, Università di Trieste, Italy  
**Maurizio Teli**, Madeira Interactive Technologies Institute, Portugal

## Organizing committee

**Claudio Coletta**, Maynooth University, Ireland  
**Stefano Crabu**, Università di Padova, Italy  
**Silvia Fornasini**, Fondazione Bruno Kessler, Italy  
**Paolo Giardullo**, Università di Urbino Carlo Bo, Italy  
**Teresa Macchia**, Università di Trento, Italy  
**Francesco Miele**, Fondazione Bruno Kessler, Italy  
**Sergio Minniti**, IULM (Libera università di lingue e comunicazione di Milano), Italy  
**Mariacristina Sciannamblo**, Università di Roma La Sapienza, Italy  
**Giacomo Poderi**, Università di Trento, Italy