

Track n. 8 - The challenges of digitalization in healthcare and in the public sector, between technologically dense environments and governance

The track invites to reflect on some relevant change in the healthcare system and in the entire public sector due to the implementation of Information and Communication Technology (ICT).

Specifically, the healthcare system is traditionally one of the sectors where ICT has been heralded as cornerstones of change and, since several decades, has been considered a tool to create new and better service delivery, increase efficiency and transparency, improve the inter-intra coordination among public bodies and provide citizens or patients more choice and flexibility in their relations with service providers other than their empowerment.

However, despite the expectations, e-health and e-government have encountered significant problems in delivering on its promises. Digital health, for example, has been “just around the corner” for almost 40 years and yet innovation has followed unanticipated difficulties, some long-awaited technologies have been abandoned while other applications and services have emerged. Different scholarly debates (Information Systems, Design studies, Computer Supported Cooperative Work, organization studies) have addressed several facets of the complexities of designing and implementing information systems and infrastructures.

In this track, particularly, we wish to focus on the stretching of such infrastructures and information systems as they pile up and at such representing at the same time an opportunity for a deeper integration and an extension of their reach to the policy-making agencies. In the last years, we are witnessing two distinct but related phenomena that combine a macro level and a micro level. On the one hand, workplaces (and, at time, also homes as in the case of healthcare) become “technologically dense environments”, spaces densely populated with devices that transform into the background of daily practices. On the other hand, these data are increasingly at disposal and then analyzed and reused for governance and policy-making purposes.

Track main topics

We solicit full papers but it is also possible to submit research-in-progress research, or short paper in related fields. Papers exploring new directions or areas are also welcome. The track aims at gathering and promoting confrontation between engaged scholars investigating the role of ICT in healthcare. Possible topics include, but are not limited to:

- Transformational government and institutional change
- Meta-analysis of e-government project outcomes
- ICT-enabled performance management
- ICT, social responsibility, sustainability, accountability and resilient society
- Public Sector Accounting, Financial Management and Business Intelligence
- Citizens and patients empowerment
- Governance and architectural issues in information infrastructures
- Information systems and public policy
- Adoption, diffusion and assimilation of health information systems
- Organizational, operational, clinical and financial implications of Health Information Systems use

Systems use

- Personalized medicine
- Patient-centered healthcare management

Track Co-Chairs

Name – Surname	Andrea Resca
Title	Dr. - Assistant Professor
E-mail	aresca@luiss.it
Affiliation	LUISS “Guido Carli” University, Rome, Italy
Short bio	Andrea Resca , PhD, is doing research at CLIO - Centre for Research in

	Leadership, Innovation, and Organisation at the Department of Business and Management, LUISS “Guido Carli” University with a Post-doc position. The study of organizational transformation enabled by information technology has been object of investigation in the latest years in fields such as judiciary systems, cultural heritage, healthcare, and e-commerce.
Name – Surname	Miria Grisot
Title	Dr. – Associate Professor
E-mail	miriag@ifi.uio.no
Affiliation	Westerdals Oslo, School of Arts, Communication and Technology, Oslo, Norway
Short bio	Maria Grisot: I am interested in understanding ICT-enabled processes of practice innovation and organisational change from a socio-technical perspective. I study technology through case study research using interpretive approaches and ethnographic methods; and theoretically I am interested in theories of technology, information infrastructures, institutional theory, and material semiotic approaches. I currently conduct research on the role of ICT in transforming information and communication practices in the healthcare context.
Name – Surname	Enrico Maria Piras
Title	Dr.
E-mail	piras@fbk.eu
Affiliation	Fondazione Bruno Kessler, Trento, Italy
Short bio	Enrico Maria Piras is a researcher at Fondazione Bruno Kessler in the High Impact Initiative on Health and Wellbeing. His primary focus of research is within the area at the intersection of Computer Supported Cooperative Work and organizational analysis. In the last years, he has coordinated the socio-organizational analysis of several remote-monitoring technologies and evaluation of e-health application in living lab contexts. He has coordinated research and market launch activities in industrial and EU projects.
Name – Surname	Gunnar Ellingsen
Title	Professor
E-mail	gunnar.ellingsen@uit.no
Affiliation	UiT - The Arctic University of Norway, Tromsø, Norway
Short bio	Gunnar Ellingsen is professor in telemedicine and e-health at UiT - the Arctic University of Norway, Department of Clinical Medicine. He is also leader of the research group for Telemedicine and eHealth. He holds a MSc. in Computer Science from the University of Tromsø and a Ph.D. in Computer and Information Science from Norwegian University of Science and Technology (NTNU). Gunnar has since the late 1990s studied the implementation and use of Electronic Patient Records in Norwegian hospitals.

Track programme committee members

- Ludovico Bullini Orlandi, ludovico.bulliniorlandi@univr.it, University of Verona, Italy
- Alice Comi, a.comi@reading.ac.uk, University of Reading, UK
- Paolo Depaoli, paolo.depaoli@uniroma1.it, Sapienza University of Rome, Italy
- Ben Eaton, b.d.eaton@surrey.ac.uk, University of Surrey, UK



ASSOCIATION FOR
INFORMATION SYSTEMS

itAIS2018

XV Conference of the Italian Chapter of AIS

Living in the digital ecosystem: technologies, organizations and human agency



- Magda Hercheui, m.hercheui@ucl.ac.uk, UCL School of Management, UK
- Federico Iannacci, federico.iannacci@canterbury.ac.uk, Canterbury Christ Church University, UK
- Valentina Lichtner, V.Lichtner@leeds.ac.uk, Leeds University, UK
- Francesco Miele, miele@fbk.eu, Fondazione Bruno Kessler, Italy
- Francesca Ricciardi, francesca.ricciardi@univr.it, University of Verona, Italy
- Teresa Scantamburlo, teresa.scantamburlo@unive.it, University of Venice, Cà Foscari, Italy
- Armando Suppa, armando.suppa@univr.it, University of Verona, Italy
- Niccolò Tempini, N.Tempini@exeter.ac.uk, University of Exeter, UK
- Polyxeni Vasilakopoulou, polyxeni.vasilakopoulou@uia.no, University of Agder, Norway

Submission

Submissions will be evaluated through a standard blind review process. Track chairs will ensure anonymity of the review process.

Authors are highly encouraged to seek guidance from Track Chairs prior submitting the paper. We highly encourage authors to formalize this process by sending an abstract to the Track Chairs to receive feedback and guidance. Formal submission must specify the track that they are intended for. The page limit for contributions submitted in English is equal to 12 pages (maximum). Formatting rules (LNCS Springer format) are available at this link:

<http://www.springer.com/it/computer-science/lncs/conference-proceedings-guidelines>

Deadline for encouraged abstract submission: April 27, 2018

Deadline for full paper submission: May 31, 2018