

## Healthcare systems: toward a sustainable digital future?

Sustainability and digital transformation are two elements that are shaping the way practitioners, scholars and policy makers think about the evolution of the future. Healthcare systems are not spared from this change (EU, 2021). These systems are struggling to espouse the digital revolution that is affecting people, processes, and organizations worldwide. Indeed, while the Covid pandemics challenged healthcare systems by forcing the use of innovative channels and tools (Fanelli, et al. 2020), the post pandemic new normal is pushing health service providers, technology manufacturers and the research community to re-imagine a sustainable digital healthcare in which community care and chronic disease play a crucial role (Elrod, & Fortenberry, 2017; Bossen, et al., 2019). Digital transitions in healthcare are also a novelty that demands work from patients so that monitoring, self-measurement and wellbeing applications can take place effectively (Kruse et al., 2020). This requires attention by design to the real complexities of everyday experience on the ground (Dorsey, & Topol, 2020).

We identify at least three mayor shifts:

- From the future to the present. Digital Healthcare Systems are slowly moving from being experimental set-ups of a favorite future to every day platforms;
- Form small scale piloting to large scale implementation. While initial digital healthcare systems have often undergone long periods of testing in small scale pilots, standardization and success cases push to adopt ready to use solutions that are able to address the needs of larger population groups;
- From revolutionary to sustainable. While digital healthcare systems are traditionally associated with promises or disruptive changes to healthcare provision, the long-term affordability is a major issue, leading to an increased attention to environmental, economic and organizational sustainability.

The track aims at gathering and promoting debate between scholars investigating the interaction between digital and Health Digital Healthcare Systems in a period in which the Next Generation EU funds are going to be implemented and as such able to shape the evolution of these systems.

### **Track main topics**

We solicit full papers, research-in-progress experience-in-the-field reports and case reports in related fields.

Possible topics include, but are not limited to:

- Telehealth/mobile health applications and their sustainability
- Policy making and digital healthcare
- Management of digital healthcare
- Economic, regulatory, organizational and institutional issues related to healthcare IS
- Design of health information technologies
- Scaling of eHealth solutions
- Orchestration of eHealth ecosystems
- Patient-centered and chronic healthcare management
- ICT, social responsibility, sustainability, accountability and resilient society
- Analysis of eGovernment and eHealth project outcomes
- Health and digital dealth planning

## References

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**Please Provide Short bios of track Co-Chairs**

**Diego Ponte**, Ph.D., is Associate Professor of Organization Studies and Information Systems at the Department of Economics and Management, University of Trento (Italy). He published international journal papers and peer reviewed books on topics connected with ICTs and organizations. He serves as reviewer in several national and international journals. He was programme co-chair of the XVIII Conference of the Italian Chapter of AIS. His main research areas lie on the intersection between ICTs and organizations. His research interests also include digital transformation and technological change in healthcare.

**Miria Grisot**, Ph.D., is an Associate Professor at the Department of Informatics, University of Oslo. She has conducted research on IT in healthcare context studying design, development, implementation and use processes. She has worked mainly with an Information Infrastructure perspective, published in JAIS, CSCWJ, JSIS, SJIS and has recently co-edited a book on Information Infrastructures within European Health Care published open access by Springer.

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