Safety, Security and Privacy Aware ICT Health Systems: Cross Border Engineering Strategies and Challenges in the Healthcare Setting

Guest Editors:

Prof. Dr. Francesco Martelli

Prof. Dr. Claudia Giacomozzi

Prof. Dr. Antonio Bartolozzi

Prof. Dr. Marco Foracchia

Deadline for manuscript submissions:
closed (31 December 2023)

Message from the Guest Editors

Information and Communication Technologies (ICT) are ubiquitously and growingly adopted in health care provider's systems to cope with a very wide range of health domains including diagnostics and therapeutics, administration and accounting, health infrastructure service and maintenance, e-health services, mobile and tele-care.

While ICT solutions certainly have the potential to give an important contribution to healthcare goals, they are being introduced into healthcare ICT infrastructures that were not purposely designed to consistently deal with security and safety issues.

Given this scenario, there is a need to explore new, cross-border collaborative approaches among physicians, ICT professionals, clinical/biomedical engineers, managers, as well as ICT systems and medical devices manufacturers in order to maintain efficiency, safety, and resiliency of health care workflows and health care provider's systems.

This Special Issue calls for interdisciplinary technical descriptions of real life experiences, approaches, regulatory and technical standards issues, seeking original papers proposing safe, secure, and privacy preserving ICT related experiences.

mdpi.com/si/163228

Special Issue