

CALL FOR PAPERS
1st International Workshop on Telemedicine and e-Health
evolution in the new era of social distancing

March 21, 2022 - Pisa, Italy – www.telmed.santannapisa.it



In conjunction with IEEE Int. Conference on Pervasive Computing and Communications (PerCom 2022)

The social distancing, imposed by the COVID-19 pandemic, has impacted the access to the primary care, causing a general reduction of the sanitary care to non-COVID-19 related pathologies. To reduce this gap, Telemedicine and e-Health, treasuring the pervasive computing and communication technologies today available, can stimulate the evolution and the introduction of new paradigms enabling a new healthcare ecosystem where the access to primary cares is easier and safer, changing the paradigm “patient-to-the-hospital” into the new paradigm “hospital/doctor-near-to-the-patient”, also known as proximity care, while preserving social distancing.

The TELMED Workshop invites authors of academia and industry to submit papers describing original, previously unpublished research results, not currently under review elsewhere, investigating the design, realisation and assessment of innovative computing, networking, and communication technologies as enablers to improve and sustain a continuous, efficient, and effective health monitoring and medical assistance supporting remote health care. The papers should address forefront research and development in Telemedicine and e-Health with a particular focus on, but is not limited to, the following topics:

- Technologies and application enabling remote medical monitoring and tutoring in the new era of social distancing.
- New solutions, systems, models, applications to ensure the access to medical or primary cares respecting the social distancing.
- Artificial intelligence in Telemedicine and e-Health in support of social distancing.
- Medical telediagnosis tools and applications.
- Telemedicine and e-Health to support critical patients (ageing people, chronic patients, pregnancies and infants, oncologic patients) in the era of COVID-19.
- Telemedicine and e-Health solutions to reduce hospitalization.
- Communications and networking technologies supporting Telemedicine and e-Health to ensure social distancing.
- Data fusion and context elaboration in Telemedicine and e-Health for social distancing.
- Field trials, new applications and experiments of Telemedicine and e-Health ensuring social distancing.
- Security and privacy issues in Telemedicine and e-Health.

Each accepted paper requires a full PerCom registration and will be included and indexed in the IEEE digital libraries (Xplore) and in Scopus Database.

IMPORTANT DATES:

Submission Deadline: ~~November 14, 2021~~ Paper registration: Nov. 30, 2021 Full paper upload: Dec. 7, 2021

Acceptance Notification: January 05, 2022

Camera Ready Submission: February 5, 2022

Organizers and Workshop Chairs

Piero Castoldi, Scuola Superiore Sant’Anna, Pisa, Italy

Anna Lina Ruscelli, Scuola Superiore Sant’Anna, Pisa, Italy

Lorenzo Mucchi, University of Florence, Florence, Italy

Technical Program Committee

Matti Hämäläinen, University of Oulu, Finland

Jarmo Reponen, University of Oulu, Finland

Valerio Conti, A. Meyer Children’s Hospital - University of Florence, Florence, Italy

Darya Majidi, Dcare - Dedalus Group

Michele Emdin, Fondazione Toscana Gabriele Monasterio & Scuola Superiore Sant’Anna, Pisa, Italy

Gabriele Cecchetti, Scuola Superiore Sant’Anna, Pisa, Italy

Luca Valcarenghi, Scuola Superiore Sant’Anna, Pisa, Italy

Mirco Manciuilli, TIME Group, Lucca, Italy