

CALL FOR PAPERS
5th International Workshop on Telemedicine and e-Health in
the digital society



March 2026 – Pisa, Italy – www.telmed.santannapisa.it

"Human-Centered Telemedicine and e-Health"

In conjunction with 24th IEEE Int. Conference on Pervasive Computing and Communications (PerCom 2026)

The TELMED Workshop will investigate the design, realisation and assessment of innovative computing, networking, and communication technologies as enablers to improve and sustain the access to various services all supporting a more inclusive remote health care. These technologies coupled or embedded in medical protocols or devices can generate new products, systems, and tools for ensuring a continuous, efficient, effective, and inclusive health monitoring and medical assistance, both supporting patients at their home and fostering new medical capabilities in hospitals. Submissions should address forefront research and development in Telemedicine and e-Health with a particular focus on, but not limited to, the following topics:

- **Technologies and applications in support of medical services:** field trials, systems, models, applications in support of medical services to ensure the access to medical or primary cares promoting the inclusiveness of all the citizens, in particular of weaker and disadvantaged categories (elderly people, pregnancies and infants, minorities, poor and marginalized people, people living in remote areas, non-digital literate people), and also to reduce hospitalization.
- **Technologies and applications enabling remote medical monitoring and tutoring:** Telemedicine and e-Health to support critical and chronic patients. Teliagnosis solutions.
- **Telecommunications and Networking technologies in support to Telemedicine and e-Health,** also including implanted, ingestible and bio-nano devices communication.
- **Advanced data elaboration techniques:** Artificial Intelligence, Data Fusion, Electronic Patient Record systems and context elaboration in Telemedicine and e-Health.
- **Standardization of Body Area Networks.**
- **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. Papers without valid full registration or that are not presented in-person will be excluded from proceedings.

IMPORTANT DATES:

Submission Deadline: November 17, 2025
Acceptance Notification: January 5, 2026
Camera Ready Submission: February 2, 2026

Organizers and Workshop Chairs

Piero Castoldi, Scuola Superiore Sant'Anna, Italy
Anna Lina Ruscelli, Scuola Superiore Sant'Anna, Italy
Lorenzo Mucchi, University of Florence, Italy
Matti Hämäläinen, University of Oulu, Finland

Technical Program Committee

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Simona Celi, BioCardioLab, Fondazione Gabriele Monasterio, Italy
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