2024 IEEE INTERNATIONAL WORKSHOP ON

Metrology for Living Environment

www.metrolivenv.org // **CHANIA - CRETE, GREECE/JUNE 12-14, 2024**

MetroLivEnv

Organizers

General Chairs

Francesco Lamonaca
University of Calabria, Italy

Gabriele Milani
Politecnico di Milano, Italy

Georgios Stavroulakis
Technical University of Crete, Greece

Technical Program Chairs

Michail Zervakis
Technical University of Crete, Greece

Marco Arnesano
eCampus University, Italy

Ioannis Gkonos
Technical University of Crete, Greece

Antonios Kladas
Technical University of Crete, Greece

Gian Marco Revel
Università Politecnica delle Marche

Georgios Stavrakakis
Technical University of Crete, Greece

Important Dates

December 15, 2023
Special Session Proposal Submission Deadline

February 20, 2024
Extended Abstract Submission Deadline

April 10, 2024
Extended Abstract Notification

May 20, 2024
Final Paper Submission Deadline

ATHENA BUSINESS AND TECHNOLOGY CONSULTING

The **2024 IEEE International Workshop on Metrology for Living Environment** (IEEE MetroLivEnv 2024) aims to be a solid reference of the technical community to present and discuss the most recent results of scientific and technological research for the living environment, with particular emphasis on applications and new trends.

The program is designed to raise the interest of a wide group of researchers, operators and decision makers from metrology and several different research fields, presenting the cutting edge solutions in the living environment from the scientific and technological point of view. The Workshop covers all aspects of the living environment focusing on its design and life cycle, energy efficiency, structural health monitoring, measurement for comfort assessment, indoor pollution, chemical and physical parameters monitoring.

Topics for IEEE MetroLivEnv 2024 include

- Building diagnostic during and after constructions;
- IoT based monitoring systems;
- Measurements for BIM and digital twins;
- Indoor environmental quality;
- Sensors and sensor networks for smart buildings;
- Robots in living environment;
- Unmanned systems for living environment monitoring;
- Comfort and well being;
- Active and assisted living;
- Building energy performance assessment;
- Use of artificial intelligence for living environment measurements;
- Infrared and hyperspectral monitoring system for living environment;
- Historical buildings and cultural heritage;
- Standards and norms for measurements in built environment;
- Uncertainty models for decision making.

In addition to regular papers, many initiatives and opportunities such as special sessions, exhibits, tutorials, demos, student contests, journal papers, and others are planned to enhance your experience with the conference, and will make IEEE MetroLivEnv 2024 a vibrant event to meet with people in instrumentation and measurement for living environment. Papers that are accepted and presented will be submitted for inclusion in the *IEEE Xplore Digital Library*.

EMAIL info@metrolivenv.org

FACEBOOK fb.com/MetroLivEnv

TWITTER @MetroLivEnv