



2020 IEEE INTERNATIONAL WORKSHOP ON Metrology for Industry 4.0 & IoT

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CNR - NATIONAL RESEARCH COUNCIL
HEADQUARTERS - **Piazzale Aldo Moro**

CALL FOR PAPERS for the Special Session on MEASUREMENTS AND SENSORS FOR SAFETY AND WELLNESS OF WORKERS

Safety at work is a major target for technological innovations in the era of industry 4.0. Despite of the progresses achieved, particularly in Italy and Europe, towards reducing the incidence and severity of accidents in the workplace, significant progresses are needed and wearable systems can be the enabling technology.

This special session will address novel scientific trends and technological solutions which could support this strategic objective, with a specific focus on (but not limited to) wearable measurements and sensors. The innovations addressed by this special session are intended for preventing either accidents in the workplace or occupational diseases.

MAIN TOPICS

- Wearable sensors and instrumentation
- Biomechanical measurements on workers
- Measurements of physiological parameters on workers
- Measurements of environmental parameters at work
- IoT for smart workplace
- Prevention of work accidents
- Prevention of occupational diseases

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