

Call for Paper & Contribution

TLMSEE'23 Telemedicine for Space and Extreme Environments

This Workshop is the pinnacle of our *Telemedicine Paradigm* (TLM) under the progressive Wireless Sensor Networks (WSN) and its *enhanced version* (eWSN) for the most urgently needed Space and Extreme Environments, for Underwater and Underground Environments, as the classic (SEE).

However, as a paradigm requires global scope to develop its momentums freely, we are considering a wider coverage with the prospects of economical and social impacts for future global health and associated industrial reforms. We, therefore, extend this workshop's interest in discussing and processing technological aspects of the work, primarily on the development of health in SEE as well as earthly unconventional environments including harsh and dangerous industrial workplaces, dense cities, bare deserts and hostile mountains, also known as unconventional and harsh environments (UHE).

For this workshop we are looking for novel ideas and new solutions under Abstract-for-Talks, Short and Standard Research/Survey papers (Short 2 pages and Full 4-6 Pages) associated with both traditional WSN as well as enhanced and integration with close disciplines such as IoT/IoE, networked Robotics and AI enabled sensor (eWSN) under the followings but not limited to ([Workshop Main Link](#)):

Ideas for technical developments and global success of *Telemedicine Paradigm*.

Replacing bulky traditional equipment with lightweight devices

Low-bit-rate, long-range (LoRa) networking and applications

Networking in outer Space for health

Networking in Underwater for health

Networking in Underground for health

Networking in UHE for health

Potential hazards, risks and discomfort in outer Space

Potential hazards, risks and discomfort in Underwater Environments

Potential hazards, risks and discomfort in Underground Environments

Potential hazards, risks and discomfort in UHE Environments

Role of telemedicine in outer Space Environments

Role of telemedicine in Underwater Environments

Role of telemedicine in Underground Environments

Role of telemedicine in UHE Environments

Telesurgery in Space

Telesurgery in Underwater Environments

Telesurgery in Underground Environments

Telesurgery in UHE Environments

Innovative telemedicine using WSN and eWSN systems

Important Dates:

Paper Submission Deadline: May 30, 2023

Notification of acceptance: June 30, 2023

Final Paper Submission: July 9, 2023

Abstract for Talks Deadline: July 30, 2023

Workshop Team