CALL FOR PAPERS

Special Session: Workshop on Biomedical Applications (WoBA)

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Dear Colleagues,

It is our pleasure to invite you to participate in ROPEC 2023 by submitting papers on any topic related to this special session, which focuses in presenting recent advances and applications to the biomedical engineering field. The developments of new research on these topics provide of both human and technological benefits; therefore, it is needed to propose technologies and methodologies for better healthcare systems.

All are encouraged to submit papers to be considered for presentation at the ROPEC 2023. Workshop themes include, but are not limited to:

- Biomedical Signal Processing
- Biomedical Imaging & Image Processing
- Micro- & Nano-bioengineering; Cellular & Tissue Engineering
- Computational Systems & Synthetic Biology; Multiscale Modeling
- Cardiovascular & Respiratory Systems Engineering
- Neural Engineering, Neuromuscular Systems & Rehabilitation Engineering
- Wearable Biomedical Sensors & Systems
- Bio-Robotics, Surgical Planning and Biomechanics
- Therapeutic & Diagnostic Systems, Devices and Technologies, Clinical Engineering
- Biomedical and Health Informatics
- Biomedical Engineering Education and Society
- Translational Engineering for Healthcare Innovation & Commercialization
- Medical Information Systems and Neuronal Networks
- Brain-Computer Interfaces
- Communication Technologies in Medicine
- Genome Analysis
- Bioinformatics
- Machine Learning for Biomedical Applications
- Telemedicine and e-Health.
- Pharmaceutical Engineering and Drug Delivery Systems

All accepted and presented papers in the conference will be published in the proceedings of ROPEC and they will be indexed by IEEEXplore.

General information regarding manuscript submission important dates, conference fees, local accommodation can be found at the ROPEC page at http://ropec.org

Sincerely yours,

Dr. Alain Manzo Martínez