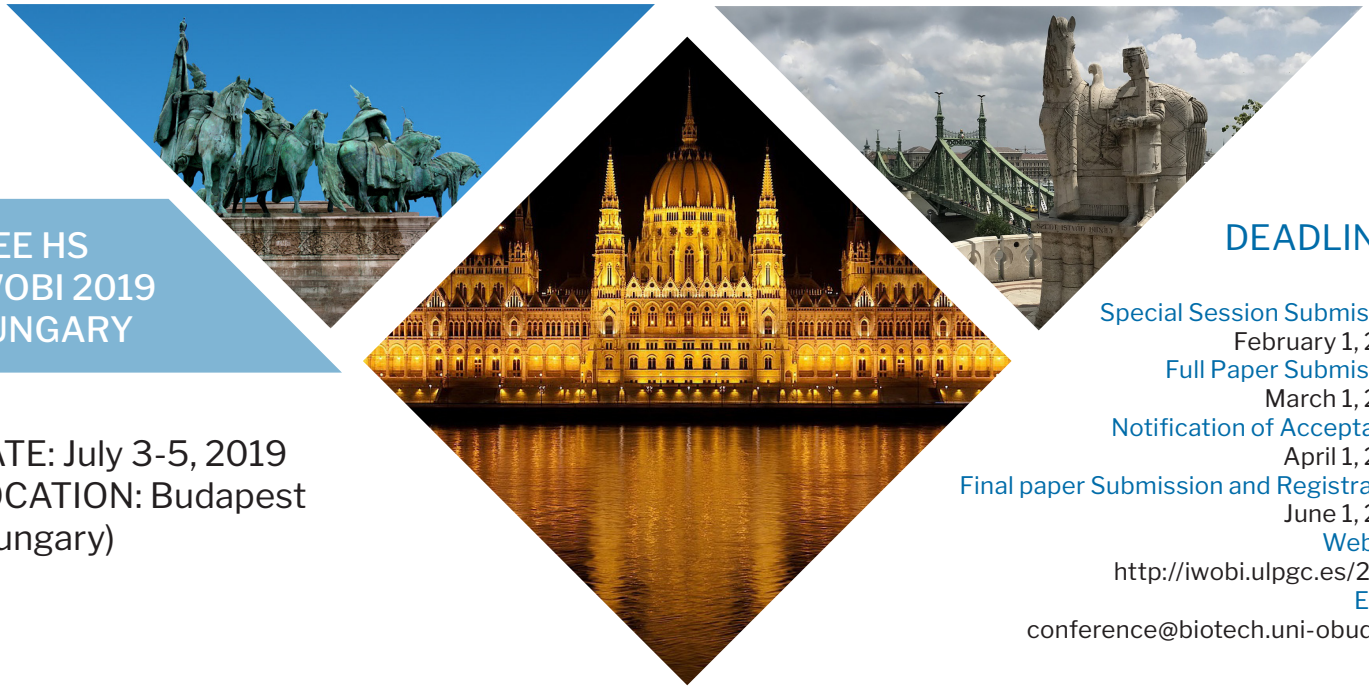
IEEE International Work Conference on Bioinspired Intelligence



IEEE HS
IWOBI 2019
HUNGARY

DATE: July 3-5, 2019
LOCATION: Budapest (Hungary)

DEADLINES

Special Session Submission:
February 1, 2019
Full Paper Submission:
March 1, 2019
Notification of Acceptance:
April 1, 2019
Final paper Submission and Registration:
June 1, 2019
Website:
http://iwobi.ulpgc.es/2019/
Email:
conference@biotech.uni-obuda.hu

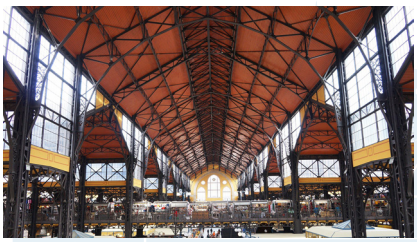
IEEE International Work Conference on Bioinspired Intelligence

2019 HUNGARY

Topics of interest

include, but are not limited to:

- Optimization and metaheuristic
- Biomathematics and Biostatistics
- Numerical Methods and Differential equations modeling
- Pattern Recognition and Classification
- Machine learning and Computational Intelligence Techniques
- Robotics
- Signal Processing and Analysis
- Computer vision
- Intelligent Networks
- Bioinformatics
- Computational anatomy
- Natural sounds and Speech Recognition
- Models of biological learning
- Brain - machine interfaces



Central Market Hall

- Speech and handwriting recognition
- Intelligent healthcare sytems
- Parallel Algorithms
- Parallel Programming Techniques
- Large Scale Distributed Systems
- High Performance Applications and Tools
- Multicore Architectures and Accelerators
- Grid and Cloud Computing, and Federations
- HPC Infrastructure and Datacenters
- Scientific and Industrial Computing
- Big data, Data Management and Visualization
- Dynamic models of metabolic, signaling and gene expression networks, Flux Balance Analysis
- Improvements in genome assembly
- Biological network reconstruction and analysis
- Biomarker discovery and Disease classification
- Next - generation sequencing, copy number and gene expression analysis, Proteomics, Pharmacogenomics, epigenomics & other omics, Functional genomics

- Molecular evolution and phylogeny
- Protein folding and Protein docking
- Translational bioinformatics and Immunoinformatics

Óbuda University Campus

- Microbiomes applied to the field of conservation biology, disease and health.
- Metagenomics of unusual environments
- Applications of transcriptomics to study genome evolution and adaptation

iwobi

UNIVERSIDAD DE LAS PALMAS DE GRAN CANARIA

IDeTIC

Biotech Lab

EKIK University Research, Innovation and Service Center

IEEE Hungary Section

BioTech ResearchCenter