CALL FOR PAPERS

INES 2024 General Chair
Levente Kovács, Óbuda University, IEEE Hungary Section chair

INES 2024 General Co-Chair
Habib Kammoun, IEEE Tunisia Section chair

INES Founding Honorary Chair
Imre J. Rudas, Óbuda University, Budapest, Hungary

INES 2024 Technical Program Committee Chairs
László Szilágyi, Óbuda University, Budapest, Hungary
Rudolf Andoga, Technical University of Košice, Slovakia

INES 2024 Technical Program Committee
Norbert Ádám, Technical University of Košice, Slovakia
Ito Atsushi, Utsunomiya University, Japan
Monika Bakošová, Slovak University of Technology, Slovakia
Valentina Balas, "Aurel Vlaicu" University, Arad, Romania
Ildar Batyrshin, CIC, Instituto Politecnico Nacional, Mexico
Barnabás Bede, DigiPen, Seattle, USA
Attila L. Bencsik, Óbuda University, Budapest, Hungary
Balázs Benyó, BME, Hungary
Manuel Berenguel, Universidad de Almeria, Spain
Wojciech Bozejko, Wroclaw University os Science and Technology, Poland
Jorge Bondia, Polytechnic University of Valencia, Spain
Zenon Chaczko, UTS, Sydney, Australia
Chee-Kong Chui, National University of Singapore, Singapore
Dana Copot, Ghent University, Belgium
József Dombi, University of Szeged, Hungary
Dániel Drexler, Óbuda University, Budapest, Hungary
Éva Dulf, University of Cluj-Napoca, Romania
György Eigner, Óbuda University, Budapest, Hungary
Tamás Ferenci, Óbuda University, Budapest, Hungary
Gabor Fichtinger, Queen's University, Canada
Ladislav Főző, Technical University of Košice, Slovakia
Péter Galambos, Óbuda University, Budapest, Hungary
Tom D. Gedeon, The Australian National University, Canberra, Australia
Tamás Haidegger, Óbuda University, Budapest, Hungary
László Horváth, Óbuda University, Budapest, Hungary
Zsolt Csaba Johanyák, John von Neumann University, Hungary
Ryszard Klempous, Wrocław University of Science and Technology, Poland
Szilveszter Kovács, University of Miskolc, Hungary
Miklós Kozlovszky, Óbuda University, Budapest, Hungary
Naoyuki Kubota, Tokyo Metropolitan University, Hino, Japan
Róbert Lovas, SZTAKI, Hungary
Lőrinc Márton, Sapientia University, Târgu-Mureș, Romania
Alajos Mészáros, Slovak University of Technology, Bratislava, Slovakia
György Molnár, Óbuda University, Budapest, Hungary
Jan Nikodem, Wroclaw University os Science and Technology, Poland
Pasquale Palumbo, National Research Council (IASI-CNR), Rome, Italy
Béla Pátkai, Tampere University of Technology, Finland
Emil M. Petriu, University of Ottawa, Canada
Radu-Emil Precup, „Politehnica" University of Timişoara, Romania
Stefan Preitl, „Politehnica" University of Timişoara, Romania
Ales Prochazka, Univ. of Chemistry and Technology & Czech Techn. Univ., Czech Republik
Octavian Prostean, „Politehnica" University of Timişoara, Romania
Ewaryst Rafajlowicz, Wroclaw University os Science and Technology, Poland
Jerzy Rozenblit, University of Arizona, Tucson, USA
Joseph Sevilla, Strathmore University, Nairobi, Kenya
Czeslaw Smutnicki, Wroclaw University os Science and Technology, Poland
Carmen Paz Suarez Araujo, ULPGC, Spain
Miroslav Sveda, Brno University of Technology, Czech Republic
Sándor Szénási, Óbuda University, Budapest, Hungary
Pavol Tanuška, Slovak University of Technology, Slovakia
József K. Tar, Óbuda University, Budapest, Hungary
Andrea Tick, Óbuda University, Budapest, Hungary
Xin Yao, University of Birminghan
Bálint Varga, Karlsruhe Institute of Technology, Germany
Annamária R. Várkonyi-Kóczy, Óbuda University, Budapest, Hungary
Antonio Visioli, University of Brescia, Italy
Bogdan M. Wilamowski, USA

INES Financial Chair
Anikó Szakál, Óbuda University, Budapest, Hungary

INES 2024 Organizing Committee Chair
György Eigner, Óbuda University, Budapest, Hungary

INES 2024 Organizing Committee
Haya Altaleb, Óbuda University, Budapest, Hungary
Noémi Kallós, Óbuda University, Budapest, Hungary
Miklós Mezei, Óbuda University, Budapest, Hungary

INES Series Life Secretary General
Anikó Szakál
Óbuda University, Budapest, Hungary, szakal@uni-obuda.hu

INES 2024
28th IEEE International Conference on
Intelligent Engineering Systems 2024

Gammarth, Tunisia
July 17-19, 2024

Organizers: *Óbuda University, Budapest, Hungary*
University of Sfax, Tunisia
IEEE Hungary Section
IEEE Tunisia Section
IEEE SMC Chapter, Tunisia
Hungarian Fuzzy Association
Sponsored by: *IEEE Hungary Section*
IEEE Joint Chapter of IES and RAS, Hungary
IEEE SMC Chapter, Hungary
IEEE Control Systems Chapter, Hungary
Technical Co-Sponsors: *IEEE Industrial Electronics Society*
IEEE Region 8

Topics include but not limited to:

Artificial Intelligence in Engineering: Reasoning, Learning, Decision Making, Knowledge Based Systems, Expert Systems

CAD/CAM/CAE Systems: Product Modelling, Shape Modelling, Manufacturing Process Planning

Communications Software and Systems in Engineering: Design Methodologies and Tools, Object-oriented, UML, Software Engineering

Computational Intelligence in Engineering: Machine Learning, Genetic Algorithms, Neural Nets, Fuzzy Systems, Fuzzy and Neuro-fuzzy Control

Intelligent Manufacturing Systems: Production Planning and Scheduling, Rapid Prototyping, Flexible Manufacturing Systems, Collaborative Engineering, Concurrent Engineering

Intelligent Mechatronics and Robotics Systems: Control, Perception and Recognition, Sensing and Sensor Data Fusion, Intelligent Sensors, Intelligent Motion Control, Service Robots

Intelligent Signal Processing

Intelligent Transportation Systems: Navigation Systems, On-board Systems, Real-time Traffic Control

Man-Machine Systems: Human Computer Interaction, Multimedia Communications, Advanced Computer Graphics, Virtual Reality

Ontologies and Semantic Engineering: Ontology, Thesaurus, Disambiguation, Semantic Inference, Natural Language Interaction

Systems Engineering: Systems Analysis, Systems Methodology, Self-Organizing Systems, Systems Integration, Large Scale Systems, Systems Simulation, Diagnosis and Performance Monitoring

Web Engineering: Intelligent Information Retrieval and Recommendation, Textual and Visual Interaction and Interfaces, User Behavior Analysis and Modeling, Data Modeling, Information Visualization, Knowledge Acquisition

Submission of Papers
The working language of the conference is **English.** Prospective authors are invited to submit full papers. All papers will be reviewed by at least two independent reviewers.

Paper Acceptance
Each accepted paper has to be presented by one of the authors at the conference and must be accompanied with a registration fee.

http://www.ines-conf.org
Full paper submission: **April 15, 2024**
Notification deadline: **May 16, 2024**
Final paper submission: **June 15, 2024**