ISIT 2023

1st Conference on Intelligent Systems and Information Technologies

Supporting the People with Special Needs

This conference is an international forum for researchers and practitioners interested in theory and advances in intelligent systems and information technologies as well as applications of artificial intelligence methods. This year, we would like to focus on information technology solutions that support people with special needs. This conference provides a unique opportunity for dialogue and synergy between scientists and engineers from different backgrounds with similar interest.

28-29th September 2023
Siedlce, POLAND

Important dates

We are waiting for paper submission via Internet up to

~~15th June 2023~~ **EXTENDED**

31st July 2023

Acceptance/rejection decision due via Internet

15th August 2023

Submission of camera-ready papers

31st August 2023

Registration and full payment due

31st August 2023

All ISIT 2023 presented papers will be published in "Studia Informatica. Systems and Information Technology" (20 ministery points for Polish authors), ISSN: 1731-2264: **https://czasopisma.uph.edu.pl/studiainformatica**

The best papers will be recommended for publication in high impact journals.

The submissions are handled only through the Easychair website at: **https://easychair.org/conferences/?conf=isit2023**

CONFERENCE SCOPE

We invite the submission of original, unpublished papers on topics including but not limited to:

1. New methods, theory, and applications of Intelligent Systems
- Quantum Inspired Intelligent Systems
- Swarm Algorithms
- Machine Learning and Cluster Analysis
- Nature Inspired Algorithms

2. Solutions supporting the work and life of people with special needs based on artificial intelligence
- Distributed Artificial Intelligence solutions
- Genetic Algorithms and Immune Systems
- Neural Network and Hybrid Systems
- Physiological Modelling, Simulation, and Control
- Fuzzy Logic Systems and Soft Computing

3. Virtual Reality systems supporting life and work of people with special needs
- Virtual Organizations and Multi-Agent Systems
- Human-Machine Natural Language Interface and it's applying for inclusive solutions
- Data and Knowledge Mining
- Self-Learning Systems and Discoveries
- Unmanned Manufacturing and Autonomic Systems
- Automatic Understanding and Computer Vision

4. Web-Intelligent systems for Education and knowledge management of people with special needs
- Natural language processing and automatic speech recognition
- Supporting the fight against psychological problems and stress
- Solutions supporting education in the field of natural and exact sciences
- Dedicated knowledge management systems
- Self-learning systems
- Game-based systems for learning and teaching

5. Supporting everyday life of people with special needs
- Navigation and safety support systems
- Smart buildings and vehicles systems
- Smart city solutions
- IOT-based systems supporting life and work of the people with special needs

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