

**Special Session on**  
**Intelligent Systems for a Sustainable Smarter Future**  
**in conjunction with**  
**23<sup>rd</sup> International Conference on Intelligent Systems Design and Applications (ISDA)**  
**December 11-13, 2023**  
**Website:** <http://www.mirlabs.org/isda2023>  
**Hybrid Mode – Online & Offline**  
**Onsite Venues:** <http://mirlabs.org/isda23/venue2.php>

### **Objectives and Scope**

The "Intelligent Systems for a Sustainable Smarter Future" session aims to promote the understanding, development, and deployment of intelligent systems to address sustainability challenges and shape a smarter future. The session is centred around exploring the applications, advancements, and implications of intelligent systems in achieving sustainability and building a smarter future. The conference aims to bring together researchers, practitioners, and industry experts to exchange knowledge, present innovative ideas, and discuss cutting-edge research in the field. It aims to bridge the gap between academia and industry, fostering collaboration and knowledge exchange.

Specific objectives and scope of the session:

- To explore on how intelligent systems, which include technologies such as artificial intelligence (AI), machine learning (ML), robotics, natural language processing, and data analytics, can be harnessed to address sustainability challenges and contribute to a smarter future.
- To emphasizes the role of intelligent systems in achieving sustainability goals. This includes topics like energy efficiency, environmental conservation, renewable energy, waste management, smart cities, sustainable transportation, and green technologies. The scope encompasses both theoretical research and practical applications of intelligent systems in these areas.
- To explore the broader concept of a smarter future, where intelligent systems are leveraged to enhance various aspects of society.
- To foster interdisciplinary research and collaboration. To encourage discussions and collaborations between researchers and practitioners from different domains to address complex sustainability challenges.

### **Subtopics**

The topics include, but are not limited to:

- Sustainable Healthcare through Intelligent Systems
- Advancements of Intelligent Systems in Education
- Intelligent Systems for Smart Governance

- AI-enabled Sustainable Agriculture
- Smart Transportation Systems for Sustainable Mobility
- Intelligent and Sustainable Designs for Smart Cities
- Intelligent Water Management
- Intelligent Systems in Green Technologies
- Intelligent Disaster Management Systems

### **Paper publications**

- Proceedings will be published in Lecture Notes in Networks and Systems, Springer (<https://www.springer.com/series/15179>)
- Indexed by SCOPUS, INSPEC, WTI Frankfurt eG, zbMATH, SCImago
- Paper maximum length is 10 pages
- Papers must be formatted according to Springer format (Latex/word) available at: <https://www.springer.com/de/authors-editors/book-authors-editors/manuscript-preparation/5636#c3324>
- Submission Link: <http://www.mirlabs.org/isda23/submission.php>

### **Important Dates**

- Paper submission due: **September 30, 2023**
- Notification of paper acceptance: **October 31, 2023**
- Registration and Final manuscript due: **November 10, 2023**
- Conference Date: **December 13-15, 2023**

### **Special Session Chair(s)**

- **Dr. Ambili P S**, REVA University, Bangalore
- **Dr. Anooja Ali**, REVA University, Bangalore

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