



The 15th International FLINS Conference on Machine learning,
Multi agent and Cyber physical systems

August 26-28, 2022, Tianjin, China



Special Session on

Computer Intelligence for Sustainability

<https://flins2022.scievent.com/>

FLINS2022 is the fifteenth in a series of conferences on computational intelligence systems with focus on Machine learning, Multi agent and Cyber physical systems. The conference will be held in Tianjin, China.

FLINS 2022 proceedings will be again published as a book by the World Scientific and it will be again included in the ISI proceedings as previous ones, as well as be included in EI Compendex for indexing. Moreover, a special issue in **Sustainability** (SCI indexed, Impact Factor: 3.251) will be devoted to a strictly refereed selection of extended papers presented at FLINS 2022.

Scope and Motivation

Motivation:

In recent years, the growing concerns for environmental and climate changes, together with issues of poverty, waste, uses of energy, water, resources and human capital, have placed sustainable development under the spotlight. The overarching goal of sustainable research is understanding how to ensure the well-being of current and future generations within the limits of the natural world from the perspectives of social and economic governance, environmental management, public value cultivation and sustainability-oriented innovations in various industrial sectors. The emergence of Computational Intelligence (CI) has helped to transform business practices and industries, and address various major societal problems including sustainability. Computational intelligence for sustainability is the computer scientific branch of the interdisciplinary field of sustainability research, an applied science about the research in sustainable solutions and their implementation. In this context, we will organize a special session on Computer Intelligence for Sustainability in order to offer a systematic overview of this emerging research field and provide innovative interdisciplinary approaches. It will provide a leading forum for disseminating the latest results of studies, development, and applications of sustainability research with a strong involvement of computer intelligence.

Scope:

- Intelligent sustainable product design
- Intelligent sustainable production system modeling, simulation and optimization
- Sustainability-oriented decision support systems
- Sustainability-oriented supply chain optimization
- Environmental and sustainability assessment
- Circular economy – computational models
- Sustainable consumption – computational models
- Interactions between health and environment

and others, all as related to the application of computer intelligence to sustainability research.

Important Dates

Full paper submission	February 28, 2022
Notification of acceptance	March 31, 2022
Camera-ready paper submission	April 15, 2022
Author registration	April 25, 2022
Conference Date	August 26-28, 2022

Paper Submission

<https://easychair.org/conferences/?conf=flins20220>

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