CALL FOR PAPERS
SPECIAL SESSION ON

The Sustainable Future of Artificial Intelligence in Agriculture

for ICCAD 2025
July 1-3, 2025, Barcelona, Spain

Session Co-Chairs:

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Session description:

This special session deals with the problem of the future of artificial intelligence (AI) in agriculture. The integration of AI in agriculture is a game-changer; offering solutions to feed a growing global population sustainably, revolutionize the industry by enhancing productivity, and efficiency. By addressing challenges and promoting inclusive adoption, AI can lead agriculture into a new era of innovation and resilience. Utilizing information retrieval and processing technologies such as blockchain, IoT, machine learning, deep learning, cloud computing, and edge computing is advantageous by increasing the production, quality, and ultimately the profitability of farmers and related industries.

The topics of interest include, but are not limited to:
- Deep learning
- Evolutionary Algorithms
- Automated Farming
- IoT
- Machine learning
- Smart agriculture
- Optimization techniques
- AI-Driven crop breeding
- Computer Vision

SUBMISSION
Papers must be submitted electronically for peer review by **January 31, 2025**
https://www.iccad-conf.com/submission/
All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double-column format).