

The International Conference on Electronic Information Technology and Smart Agriculture (ICEITSA2021)

Huaihua, Hunan

December 10-12, 2021

CALL FOR PAPERS (CFP) || ICEITSA 2021

The International Conference on Electronic Information Technology and Smart Agriculture

December 10-12, 2021, Huaihua, Hunan, China

Web: www.iceitsaconference.com/2021

CONFERENCE OVERVIEW

The International Conference on Electronic Information Technology and Smart Agriculture (ICEITSA 2021) will be held from December 10-12, 2021 in the City of Huaihua, Hunan, China.

The conference is committed to focusing on and promoting the electronic information technology application and innovation in smart agriculture at home and abroad. It aims to build a forum to discuss and share successful experiences in the innovation and development in this area, and promote further cooperation.

The conference invites domestic and foreign experts to exchange the latest technology research progress and application experience, and strengthen the in-depth cooperation and exchanges among the academia, the industry, government departments and users in the field of electronic information technology and smart agriculture, so as to promote the development of smart agriculture in China.

ORGANIZERS



怀化学院
Huaihua University

湖南省电子信息技术研究会
Hunan Electronic Information Technology Research Association

CO-ORGANIZERS



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Key Laboratory of Intelligent Control Technology for Wuling-Mountain Ecological Agriculture in Hunan Province

CALL FOR PAPERS (CFP)

The topics of interest for submission include, but are not limited to:

Electronic information technology and its application

- Photoelectric sensing technology
- Remote sensing application technology and new equipment
- Information application system development and integration technology
- Communication and information systems
- Signal processing and information fusion
- Power electronics and electric drives
- Information display and optoelectronic technology
- Beidou/global navigation satellite system and its applications

Big data mining and information processing technology

- Big data mining and visualization technology
- Multi-source heterogeneous information fusion technology
- Numerical simulation and inheritance of land surface hydrological ecosystem
- Multi-source agrohydrometeorological data fusion
- Intelligent information processing and decision making
- Information collection technology and analysis

Advanced control theory and technology

- System theory and control theory, complexity and complex systems theory
- Advanced control theory and method
- Stability and stabilization
- Theoretical analysis and numerical simulation of differential dynamical systems
- Research on theory and algorithm of large scale nonlinear equations
- Control of network system and network control system

Intelligent manufacturing and equipment

- Mechanical design and manufacturing technology and application
- Agricultural remote sensing application technology and new equipment
- Key technologies and research on intelligent agricultural equipment
- Measurement and testing techniques and instruments

Artificial intelligence

- Information machine learning modeling and application technology
- Deep learning and applications
- Artificial intelligence technology for big data
- Neural networks and computational intelligence
- Natural language processing and machine translation

Smart agriculture

- The application of artificial intelligence in smart agriculture
- Innovation and practice of intelligent management and control technology for agricultural facilities
- A traceability system for agricultural product quality based on the Internet of Things
- Research and innovation on key technologies of agricultural Internet of Things
- Application of drone technology in smart agriculture
- Application of photoelectric sensing technology in agriculture production
- Innovation and practice of intelligent management for agricultural facilities and control technology

IMPORTANT DATES

Final Submission Due: Oct. 15, 2021

Date of Conference: Dec 10-12, 2021

KEYNOTE SPEAKERS



Prof. Dr. Witold Pedrycz
University of Alberta, Canada

Speech Title:

Design and Evaluation of Interpretable Rule-Based Architectures Under Privacy Constraints: A Framework of Granular Computing and Federated Learning.



Prof. Dr. Clive Phillips
Curtin University, Australia

Speech Title:

Use of smartfarming technologies to monitor and improve the welfare of farm animals, including during transport of the animal



Dr. Dariusz Jacek Jakóbczak
Koszalin University of Technology, Poland

Speech Title:

Reconstruction of Multidimensional Data on Intelligent Technology and Artificial Intelligence



Prof. Dr. Yigang He
Wuhan University, China



Prof. Dr. Kehua Guo
Central South University, China



Prof. Dr. Wanjun Chen
University of Electronic Science and
Technology of China, China

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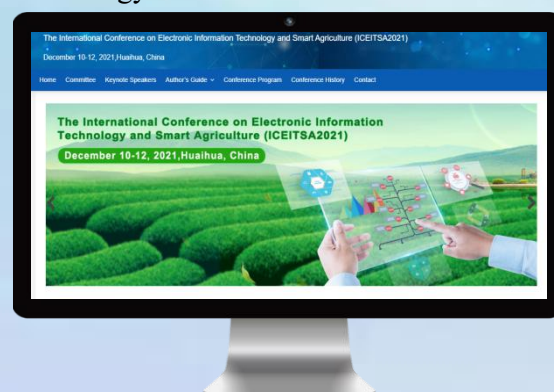
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 Dr.Xiangjun Tian, Institute of Tibetan Plateau Research, Chinese Academy of Sciences, China

PUBLICATION OF CONFERENCE PROCEEDINGS:

All accepted papers of ICEITSA2021 will be published by Conference Publishing Services (CPS). Conference publication of CPS is submitted to EI Compendex, CPCI, Scopus, INSPEC and Current Contents on Diskette for indexing.



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PAPER SUBMISSION GUIDELINES:

- ICEITSA 2021 accepts original and unpublished papers.
- All submitted papers must be written in English.
- Each paper should be at least 4 pages or longer, including tables, graphs, charts & references.
- Article repetition rate cannot be higher than 20%, otherwise it will be rejected directly.
- All papers submitted will be subjected to thorough peer-review based on originality, technical quality, and presentation.
- Please log in EasyChair to submit your full paper(including all sections, figures, tables and references) by the link: <https://easychair.org/conferences/?conf=iceitsa2021>

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