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ACIIDS 2021 is an international scientific conference for research in the field of intelligent information and database systems, to be held during 7-10 April 2021 in Phuket, Thailand. The aim of the conference is to provide an internationally respected forum for scientific research in the technologies and applications of intelligent information and database systems. Papers are invited from prospective authors with interests on the indicated conference topics. Contributions from more applied related fields in industry and commerce are very welcome.

Intelligent Information Systems:

Artificial and Computational Intelligence Distributed Artificial Intelligence Agents and Multi-Agent Systems Intelligent Techniques in Bioinformatics Intelligent Techniques in Optimization Intelligent Systems: Internet, Software Intelligent Systems: Energy, Hybrid Computational Nanotechnology Game and Decision Theories, Planning Neurocomputers Parallel Computation Automation Systems and Control Robotics and Autonomous Robots Method Engineering and Meta-Modeling UML and Unified Processes **Empirical Software Engineering** Extreme Modeling and Programming

Intelligent Database Systems:

Data Warehousing, Data Mining, and Big Data Mobile and Peer-to-Peer Databases Spatial, Graph, Temporal Databases Multimedia, Scientific Databases Semi-Structured, RDF, XML Databases Stream and Sensor Databases Social Network Management Web and Personal Data Management Object-Relational Databases Object-Oriented Databases Heterogeneous and Distributed Databases Heterogeneous Knowledge Bases Data Integration and Interoperability Ontologies and Information Sharing Database Models and Query Languages Database Privacy and Security Database System Internals and Performance

Tools and Applications:

Collaborative Learning Collaborative Systems and Applications Enterprise System Integration Supply Chain Integration Virtual Teams, Mobile Collaboration Artificial Social Systems Recommender Systems Healthcare and Medicine **Autonomic Computing Ubiquitous Computing** Internet of Things E-learning, E-institutions, E-commerce E-finance, E-business, and M-commerce Deep Learning Methods and Applications Image and Video Processing Speech and Natural Language Processing Applications of Artificial Intelligence

Paper Submission:

The conference language is English. All contributions should be original and not published elsewhere or intended to be published during the review period. To ensure high quality, all papers will be thoroughly reviewed by the ACIIDS 2021 International Program Committee on the basis of technical quality, relevance, significance, and clarity. The proceedings of ACIIDS 2021 will be published by Springer in series Lecture Notes in Artificial Intelligence and will be distributed at the conference. The papers should be prepared in LNCS/LNAI style and should not exceed 12 pages. Each paper is to be submitted electronically as a PDF file through EasyChair at:



https://www.easychair.org/conferences/?conf=aciids2021

Ph.D. students are invited to submit papers to Doctoral Track. Special Sessions are always welcome. All the Special Sessions and Doctoral Track are centralized as tracks in EasyChair submission and reviewing system.

Post-conference Publications:

A number of accepted and personally presented papers will be selected for possible inclusion in special issues of the following prestigious international journals:









Important Dates:

Paper submission: October 1, 2020 Notification of acceptance: October 31, 2020 Final paper deadline: November 15, 2020 Registration & payment: December 15, 2020 Conference: April 7-10, 2021

Phuket is a rainforested, mountainous island in the Andaman Sea known for its sunny and sand beaches. Phuket Airport is located 32 km from the centre of Phuket City. It offers regular international flights to and from important airports including Bangkok, Beijing, Ho Chi Minh City, Hong Kong, Kuala Lumpur, Seoul, Shanghai, Singapore, Sydney, and Taipei.



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