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ACIIDS 2022 is an international scientific conference for research in the field of intelligent information and database systems, to be held during 6-9 June 2022, Almaty, Kazakhstan. 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
Cybersecurity Intelligent Methods
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 2022 International Program Committee on the basis of technical quality, relevance, significance, and clarity. The proceedings of ACIIDS 2022 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 13 pages. Each paper is to be submitted electronically as a PDF file through EasyChair at:



<https://easychair.org/conferences/?conf=aciids2022>

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: **November 15, 2021**
Notification of acceptance: **December 31, 2021**
Final paper deadline: **January 15, 2021**
Registration & payment: **February 1, 2022**
Conference: **June 6-9, 2022**

Almaty:

Almaty is the largest city in Kazakhstan, with a population of about 2 million, located in the mountainous area of southern Kazakhstan. Almaty International Airport (ALA) offers regular international flights to and from important airports including Amsterdam, Bangkok, Beijing, Doha, Dubai, Frankfurt, Hong Kong, Kuala Lumpur, London, Moscow, Paris, and Seoul.



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