

# International Conference on Computing, Intelligence and Data Analytics (ICCIDA - 2022)

<http://iccida.net/>



International Conference on Computing,  
Intelligence and Data Analytics  
September 16 – 17, 2022



Springer

Scopus®

About ICCIDA

## General Chairs

Prof. Dr. Fausto Pedro Garcia Marquez  
Dr. Süleyman Eken

## Technical Program Chairs

Dr. Zeynep Hilal Kilimci  
Dr. Alaa Ali Hameed  
Dr. Akhtar Jamil

## Publication and Publicity Chairs

Dr. Serdar Solak  
Dr. Mustafa Hikmet Bilgehan Uçar

## Organizing Committee

Prof. Dr. Mehmet Yıldırım  
Prof. Dr. Hikmet Hakan Gürel  
Dr. Halil Yiğit  
Dr. Adnan Sondaş  
Dr. Önder Yakut  
Yavuz Selim Fatihoğlu  
Alper Metin

## Registration Committee

Seda Balta  
Zeynep Sarı

## Important Dates

- Full Paper Submission  
*June 30, 2022*
- Notification to Authors  
*August 15, 2022*
- Camera Ready Submission  
*August 30, 2022*
- Registration Deadline  
*August 30, 2022*
- Conference Date  
*September 16-17, 2022*

The authors of selected best papers will be invited to extend their contributions for special issues on the condition that their conference papers must be presented at the ICCIDA.

It is with great pleasure that we invite you to International Conference on Computing, Intelligence and Data Analytics (ICCIDA). The conference will be hosted in Kocaeli – Turkey, and organized by Information Systems Engineering of the Kocaeli University, Turkey on September 16-17, 2022. The conference will serve as an interdisciplinary forum that may help the research community to take a step forward and share the research findings. In addition, it will provide an arena where researchers, scholars, professionals, students, and academicians may be able to foster working relationships and gain access to the latest research results.

All papers accepted and presented from the conference will be published by Springer Nature as a proceedings book volume in the Book Series, Lecture Notes in Networks and Systems (LNNS).

## Special Sessions

- Special Session on Data Analytics for Intelligent Transportation Systems (DA4ITS)
- Special Session on Metaverse in Data Analytics (MeDA)

## Topics

### DATA ANALYSIS AND VISUALIZATION

- Exploratory Data Analysis
- Statistical and mathematical modeling
- Business Intelligence
- Big Data Analysis
- Data Mining
- Cloud Computing Architecture and Systems
- ETL and Big Data Warehousing
- Business Intelligence
- Data Visualization
- Statistical Analysis

### COMPUTER VISION

- Document Analysis
- Biometrics and Pattern Recognition
- Remote Sensing & GIS
- Medical Image Processing
- Image and Video Retrieval
- Motion Analysis
- Structure from Motion
- Object Detection and Recognition
- Image Restoration
- Speech and Audio Processing
- Signal Processing

### ARTIFICIAL INTELLIGENCE

- Machine Learning
- Pattern Recognition
- Deep learning
- Human computer interactions
- Medical Image Processing
- Image and Video Retrieval
- Audio video Processing
- Text Analytics
- Natural language processing
- Information Retrieval
- Robotics Applications

### INTERNET OF THINGS

- 3D printing
- Securing IOT infrastructure
- Future of IOT and Big Data
- Internet of Things
- Intelligent Systems for IOT
- Security, Privacy and Trust
- Visual Analytics IoT
- Data Compression for IoT Devices
- IoT Services and Applications
- Education and Learning
- Social Networks Analysis

### COMMUNICATION SYSTEMS AND NETWORKS

- Antennas, Propagation and RF Design
- Transmission and Communication Theory
- Wireless / Radio Access Technologies
- Optical Networks and NGN
- 5G & 6G Cellular systems and SON
- Sensor Networks
- Multimedia and New Media
- High Speed Communication.
- Computational Intelligence in Telecommunications

### SOFTWARE ENGINEERING

- Requirements Engineering
- Security Aspects
- Agile Software Engineering
- Software Evolution & Reuse
- Reverse Engineering
- Software dependability
- Data & AI Monetization and Products
- Data as a Service/Platform
- Biomedical Experiments and Simulations
- Decision Support Systems



Kocaeli, Turkey



September 16-17, 2022