

# Call For Papers

**Special session:** AI Techniques for Myriad Automation: Methodologies Meet Successful Real-Life Applications

**Conference:** The 2023 International Conference on Cyber-physical Social Intelligence (ICCSI)

**Date:** October 20-23, 2023

**Location:** Xi'an, China **Web site:** <https://agist.org/iccsi2023>

AI techniques have been the core behind tremendous number of real-impact applications in finance, social media, sports, and medicine, amongst others. For example, in finance, AI is utilized in loan management, monitoring stock markets ups and downs, and other crisis-related events. It is no surprise that AI techniques are heavily used in billion dollars valued social media platforms, including Twitter, Meta (formerly Facebook), Snapchat, LinkedIn, and TikTok. In Sports (e.g., football, basketball, and tennis), AI techniques have played a key role in tracking games and providing statistics as well as accurately identifying events related to players, goals, and penalties. Examples of AI applications in medicine include providing auxiliary tools to medical personnel such as identifying disease-related biomarkers, predicting drug effectiveness, and improving the personalized treatment outcome.

As existing AI techniques are not perfect, there is a demand for exploring and promoting the AI techniques leading to the highest performance results. This special issue invites academic and industrial researchers to identify the best AI practice coupled with real applications. Topics of interest include, but are not limited to:

## Methods and Algorithms

- (1) Artificial Intelligence
- (2) Machine Learning
- (3) Deep Learning
- (4) Data Mining
- (5) Computer Vision

## Applications

- (1) Social Media
- (2) Finance
- (3) Banking
- (4) Sports
- (5) Journalism
- (6) Gaming
- (7) Blockchain
- (8) Transportation
- (9) E-Commerce
- (10) Cybersecurity
- (11) Bioinformatics

(12)Internet of Things

**Important Dates:**

March 31, 2023, Letter of intent for paper contribution

May 15, 2023, Full paper submission

July 1, 2023, Acceptance/Rejection notification

August 31, 2023, Final camera-ready papers due

**Special Session Co-chairs:**

Turki Turki, Department of Computer Science, King Abdulaziz University, Saudi Arabia  
tturki@kau.edu.sa

Zhi Wei, Department of Computer Science, New Jersey Institute of Technology, USA  
zhiwei@njit.edu