The 20th International Conference on Intelligent Information Hiding and Multimedia Signal Processing (IIHMSP-2024)

October 4-6, 2024, Matsue, Japan

Special Session on
AI Horizons: Exploring Frontiers in Information & Communication Technology

Call for Papers

Organizers: Prof. You-Te Lu and Prof. Ding-Chau Wang

"AI Horizons: Exploring Frontiers in Information and Communication Technology" is a special session dedicated to investigating the implications of artificial intelligence (AI) in information and communication technology (ICT). The term "AI Horizons" encapsulates the forward-looking nature of the event, emphasizing the exploration of new possibilities and emerging trends at the forefront of AI research and application. It signifies a journey towards uncharted territories, where the convergence of AI and ICT opens up new horizons of innovation and opportunity. This session aims to delve into cutting-edge developments and challenges in integrating AI with various aspects of ICT. It encompasses a wide range of AI topics, including, but not limited to, AI and Lifelong Learning, robotics, cybersecurity, data analytics, and human-computer interaction. These topics delve deeper into the intersection of AI and education, exploring various applications, challenges, and opportunities for leveraging AI technologies to enhance teaching and learning outcomes.

Topics of interest include but are not limited to the following:
1. AI-Powered Personalized Learning Platforms
2. Ethical Considerations in AI Education
3. Augmented Reality (AR) and Virtual Reality (VR) in Education
4. AI-Assisted Assessment and Feedback
5. AI-Enhanced Teacher Professional Development
6. AI and Special Education
7. AI Ethics and Digital Literacy Education
8. AI-Driven Curriculum Design and Adaptive Learning Pathways
9. AI and Lifelong Learning
10. AI Tutoring Systems and Intelligent Learning Assistants

Submissions:

Papers should follow the template announced on the IIHMSP-2024 conference website and be submitted via email to session organizer Prof. You-Te Lu at yowder@stust.edu.tw.

Conference Proceeding Information:

Papers that are presented orally at the conference and meet the publication requirements of IIHMSP-2024 conference proceedings will be published in Springer's book series titled "Smart Innovation, Systems and Technology". Normally, this series will be indexed by Scopus and EI Compendex.

Important Dates: (If IIHMSP-2024 extends the dates, follow those dates announced on the website)

Paper submission deadline: **June 15, 2024**

Acceptance notification: **June 30, 2024**

Camera-ready copy and registration: **July 15, 2024**

For more information:

Please visit the IIHMSP-2024 official websites (https://iihmsp24.github.io/ or http://bit.nkust.edu.tw/~iihmsp24) or contact the organizers of this special session:

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