

4th INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTING & OPTIMIZATION 2021



☺ Conference website: <https://www.icico.info/>

Machine Learning and Deep Learning Applications for Emerging Technologies

The widespread emergence of the Internet has resulted in a revolutionary way for people to share their interactions (i.e., data) on blogs, social media, and online platforms in recent years. Most of these interactions are unstructured, extremely hard and time-consuming to organize, manipulate, or efficient storage due to their messy forms. Thus, intelligent techniques should be used to manage, organize, access and manipulate such a massive amount of data. Texts, speech, image, and video are the primary data sources, and these data can be used to build various emerging technologies: HCI systems, computer vision-based system, language processing tools, intelligent healthcare system, multi-modal interface, and so on. In recent years, machine learning and deep learning techniques extensively used to develop intelligent systems through the efficient processing of enormous data. The proposed special session aims to bring together theory and applications of machine learning and deep learning techniques to computer vision, image processing, natural language processing, speech processing, human-computer interaction, intelligent robots and medical information processing. Topics of interest include, but are not limited to-

- Image/video signal processing
- Object detection, classification & tracking
- Human activity recognition
- License plate detection & recognition
- Human-computer interaction
- Intelligent robots & smart vehicles
- Face detection & identification
- Biometric based security
- Medical informatics
- Text/speech driven intelligent agent
- IoT based smart healthcare systems
- Visual scene analysis
- Handwritten recognition
- Bio-medical signal processing
- Multimodal signal processing
- Text to speech or speech to text processing
- Sentiment analysis & Emotion classification
- Machine translation
- Text classification
- Fake news detection
- Machine translation
- Language modelling



Paper Submission: <https://easychair.org/conferences/?conf=ico2021>

➤ **Publication:** The accepted papers will be published in the SPRINGER series "**Advances in Intelligent Systems and Computing**". Best and high quality papers will be selected and reviewed by IPC in order to publish extended version of the paper in SCOPUS and WoS ESCI journal.

Important Dates	Registration
Full Paper Dues: 30 Aug 2021	Standard Registration: 125 USD
Acceptance Notification: 20 Sept 2021	Student Registration: 75 USD
Camera Ready Dues: 30 Nov 2021	Additional Paper: 50 USD (Maximum 2 papers)
Submit 10 pages in Springer format; https://www.springer.com/us/authors-editors/conference-proceedings/conference-proceedings-guidelines	

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