The 17th International Conference on Computing and Information Technology
(IC²IT2021)
May 13th – 14th, 2021
Arnoma Grand Hotel Bangkok, Thailand

Overview

The 17th International Conference on Computing and Information Technology takes place at a time of rapid and unprecedented change that have long since rendered trusty benchmarks like Moore's law irrelevant. To quote best-selling author and engineer Christopher Steiner, "algorithms have already written symphonies as moving as Beethoven, picker through legalese with the deftness of a senior lawyer and written news articles with the smooth hand of seasoned reporter". Indeed, it may not be long before an algorithm joins the Board of a venture capital firm (outperforming its humanoid peers, naturally). Key the many of these achievements stem from research in the areas of artificial intelligence, machine learning, natural language processing, speech recognition and image processing among others that have already delivered solutions to complex user and societal problems: helping architects design environmentally sustainable, structurally challenging and aesthetically interesting buildings; allowing scientists to split atoms and categorize human genomes; and enabling engineers to 3D print autonomous cars to name but a few. Such advances mirror changing economies, increasingly dominated by globalization and coopetition where constant high speed innovation is now the only strategy that matters.

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Scope

Conference topics include (but not limited to):

Architecture and Application

Business Intelligence	Decision Support	Evolutionary Computation
Hybrid Systems	Knowledge Discovery	Knowledge Management
Knowledge Transfer	Ontology and Semantic	Web Optimization
Swarm Intelligence	Particle Swarm Optimization	Recommender Systems

Data Science and Machine Learning

Affective Computing	Artificial Neural Network	Behavior Analytics
Big Data Analysis	Community Analysis	Computational Intelligence
Data Mining	Deep Learning	Feature Selection
Fuzzy Systems	Geographic/Spatial Data Mining	User Behavior Prediction

Image and Video Processing

Biometric Quality	Computer Vision	Image and Video Forensic
Image Enhancement	Image Compression	Image Processing
Image Recognition/Classification	Human-Computer Interface	Multiple Object Tracking
Virtual Reality		

Natural Language Processing and Text Mining

Computational Linguistics	Information Retrieval	Natural Language Processing
Natural Language Understanding	Question Answering	Semantic Mining
Social Network Mining	Text Mining	Topic Segmentation & Recognition
Web Mining		

Network and Security

Network and Security	Ad Hoc Networks	Content Delivery
Cloud and Grid Computing	P2P Networks and Protocols	Real Time Streaming Networks
Security and Forensic	Self-Organization and Emergence in Computer Networks	
Sensor Networks	Wired and Wireless Networks	

Important Dates for Paper Submission

Paper Submission Deadline	:	November 30th, 2020
Decision Notification	:	December 21st – 30th, 2020
Camera Ready Version	:	January 4th, 2021
Advanced Registration	:	January 4th – 11th, 2021

Paper Submission

Springer

IC²IT2021 Proceedings will be published in the Recent Advances in Information and Communication Technology 2021, which is in the Advances in Intelligent Systems and Computing series, by Springer. The books of this series are submitted to ISI Proceedings, EI-Compendex, DBLP, SCOPUS, Google Scholar and Springerlink

Contact Information

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