

NEWSLETTER

The Hong Kong Society of
Robotics and Automation

MAY, 2023

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CCVPR 2023

2023 International Joint Conference on Computer Vision and Pattern Recognition



September 15–17, 2023

A silhouette of a person standing in front of a large window, holding up the word 'VISION' in large, bold, black letters. The background shows a sunset or sunrise with orange and yellow clouds against a blue sky.

VISION

Oxford, UK

Computer Vision

Computer vision is a field of artificial intelligence (AI) that enables computers and systems to derive meaningful information from digital images, videos and other visual inputs — and take actions or make recommendations based on that information. If AI enables computers to think, computer vision enables them to see, observe and understand.

Computer vision works much the same as human vision, except humans have a head start. Human sight has the advantage of lifetimes of context to train how to tell objects apart, how far away they are, whether they are moving and whether there is something wrong in an image.

Pattern Recognition

Pattern recognition is the automated recognition of patterns and regularities in data. It has applications in statistical data analysis, signal processing, image analysis, information retrieval, bioinformatics, data compression, computer graphics and machine learning. Pattern recognition has its origins in statistics and engineering; some modern approaches to pattern recognition include the use of machine learning, due to the increased availability of big data and a new abundance of processing power. These activities can be viewed as two facets of the same field of application, and they have undergone substantial development over the past few decades.

For Information:

✉ info@ccvpr.org

🌐 www.ccvpr.org



KEYNOTE SPEAKER



Prof. Xinguo Yu

Central China Normal University, China

Speech Title: Progress and Prospects of Solving Math Problems

Biography: Xinguo Yu is the dean of CCNU Wollongong Joint Institute and a professor of National Engineering Research Center for E-Learning at Central China Normal University, Wuhan, China. He is a senior member of both IEEE and ACM, and an adjunct professor of University of Wollongong, Australia. He is a vice director of Smart Educational Technology Branch Society under Automation Society in China, and the chair of Hubei Society of Artificial Intelligence in Research and Education.

He received B.Sc. degree in Mathematics from Wuhan University of Technology, M. Eng degree from Huazhong University of Science and Technology, another M. Eng. degree from Nanyang Technological University, Singapore and Ph.D. degree in Computer Science from National University of Singapore.

His current research mainly focuses on intelligent educational technology, educational robotics, multimedia analysis, computer vision, and machine learning. He has published over 170 research papers. He is Associate Editor and Guest Editors for several international journals. He was general chairs or program chairs or Keynote speakers for more than 30 international conferences. He is the main founder of annual International Conference on Artificial Intelligence in Education and Research.

FCSIT 2023 FCSIT 2023

2023 2nd Eurasian Conference on Frontiers of
Computer Science and Information Technology

Oxford, the United Kingdom | September 15-17, 2023



JOURNALS

Excellent Papers papers can be recommended for publication in *International Journal of Robotics and Automation (ISSN 1925-7090)*, and will be submitted for indexing in SCIE, EI Compendex, SCOPUS, Inspec, Google Scholar, etc.

Excellent Papers papers can be recommended for publication in *Human-Centric Intelligent Systems (ISSN 2667-1336)*, and will be submitted for indexing in Baidu, CNKI, Google Scholar, INSPEC, Wanfang, etc.

Excellent Papers papers can be recommended for inclusion in the special issue of *Information (2078-2489)* entitled "Optimization Algorithms for Engineering Applications", and will be submitted for indexing in Ei Compendex, Scopus, CNKI, Inspec, ESCI, etc.

Excellent Papers papers can be recommended for inclusion in the special issue of *Biomimetics (2313-7673)* entitled "Bio-Inspired Optimization Algorithms and Designs for Engineering Applications", and will be submitted for indexing in SCIE, Scopus, CNKI, DOAJ, etc.



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CALL FOR PAPERS

FCSIT 2023

SEPTEMBER 15-17, 2023

OXFORD, UK



FCSIT 2023



Publication

Accepted and presented papers of FCSIT 2023 will be published in the digital conference proceedings which will be submitted to Ei Compendex, Scopus, CPCI, Google Scholar and other major databases for index.

Topics

- Computer Animation
- Computer Vision
- Cyber Security
- Data Communications
- Theoretical Computer Science
- Algorithms and Bioinformatics
- Data Encryption
- System Security
- Robotics and Automation
- Pattern Recognition and Multimedia
- Data Mining
- Intelligent Information & Database Systems

Submission

Link:

<https://cmt3.research.microsoft.com/User/Login?ReturnUrl=%2FFCSIT2023>



Key Dates

Full Submission Due: June 10, 2023