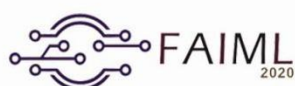




## Conference Topic: Data and communication



2020 2nd International Conference on  
Frontiers of Artificial Intelligence  
and Machine Learning



2020 International Symposium on  
Computational Intelligence



2020 European Conference on  
Natural Language Processing  
and Information Retrieval



2020 International Workshop on 5G,  
Connectivity, and Mobility



2020 2nd International Conference on  
Big Data, IoT, and Cloud Computing



2020 2nd International Symposium  
on Computing, Networking  
and Communications



2020 4th International Symposium  
on Computer Science and  
Intelligent Control



2020 3rd International Symposium  
on Computers and Communications



2020 2nd International Conference  
on Frontiers of Information and  
Communications Security



2021 International Joint Conference on  
Information and Communication  
Engineering



2020 3rd International Conference  
on Data Mining and Knowledge  
Discovery



2020 3rd Asia-Pacific Conference  
on Applied Mathematics  
and Statistics

## Conference Keynote Speakers

### Prof. Zhu Han

—IEEE fellow, John and Rebecca Moores Professor  
 —ECE Department and CS Department, University of Houston, USA

Zhu Han received the B.S. degree in electronic engineering from Tsinghua University in 1997, and the M.S. and Ph.D. degrees in electrical engineering from the University of Maryland, College Park, in 1999 and 2003, respectively. From 2000 to 2002, he was an R&D Engineer of JDSU, Germantown, Maryland. From 2003 to 2006, he was a Research Associate at the University of Maryland. From 2006 to 2008, he was an assistant professor in Boise State University, Idaho. Currently, he is a John and Rebecca Moores Professor in Electrical and Computer Engineering Department as well as Computer Science Department at University of Houston, Texas. His research interests include security, wireless resource allocation and management, wireless communication and networking, game theory, and wireless

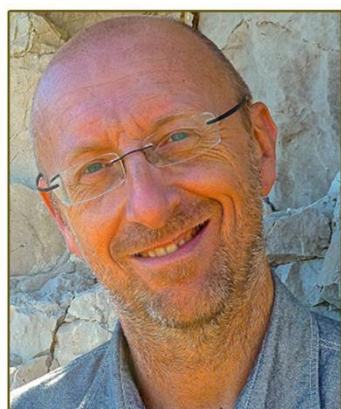
multimedia. Dr. Han is an NSF CAREER award recipient 2010. Dr. Han has several IEEE conference best paper awards, and winner of 2011 IEEE



Fred W. Ellersick Prize, 2015 EURASIP Best Paper Award for the Journal on Advances in Signal Processing and 2016 IEEE Leonard G. Abraham Prize in the field of Communication Systems (Best Paper Award for IEEE Journal on Selected Areas on Communications). Dr. Han has been IEEE fellow since 2014, AAAS fellow since 2020 and IEEE Distinguished Lecturer from 2015 to 2018. Dr. Han is 1% highly cited researcher according to Web of Science since 2017.

### Prof. Paolo Rosso

—Universitat Politècnica de Valencia, Spain



Paolo Rosso is full professor at the Universitat Politècnica de Valencia, Spain where he is also member of the PRHLT research center. His research interests focus mainly on author profiling iron detection fake reviews detection,

plagiarism detection, and recently hate speech and fake news detection. Since 2009 he has been involved in the organisation of PAN benchmark activities at CLEF and at FIRE evaluation forums, mainly on plagiarism / text reuse detection and author profiling. At SemEval he has been co-organiser of shared tasks on sentiment analysis of figurative language in Twit-

ter (2015), and on multilingual detection of hate speech against immigrants and women in Twitter (2019). He is co-ordinator of the activities of FIRE and IberEval evaluation forums. He has been PI of national and international research projects funded by EC and U.S. Army Research Office. At the moment, in collaboration with Carnegie Mellon University, he is involved in a project funded by Qatar National Research Fund on author profiling for cyber-security. He serves as deputy steering committee chair for the CLEF conference and as associate editor for the Information Processing & Management journal. He has been chair of \*SEM-2015, and organisation chair of CERI-2012, CLEF-2013 and EACL-2017. He is the author of 400+ papers, published in journals, book chapters, conference and workshop proceedings.

## Dr. Xin-She Yang

—Design Engineering & Maths, Middlesex University London, UK

—Reader in Modelling and Optimization

Prof. Yin-She Yang received his PhD. in Applied Mathematics from Oxford University. He then worked at Cambridge University and National Physical Laboratory (UK) as a senior researcher. He currently teaches at Middlesex University in London, he is a full-time professor at the University of Reykjavik (Iceland) and a visiting professor at Xi'an Polytechnic University (China). He was elected the Bye-Fellow at the Downing College,



Cambridge University. He is also a chairman of the IEEE CIS for the Business Intelligence and Knowledge Management Business Task Chair, and editor-in-chief of the International Journal for Mathematical Modeling and Numerical Optimization (IJMMNO). He is a leading expert in computational intelligence and author of some of the most successful swarm intelligence algorithms. Professor Yang is the author and editor of numerous books and research papers (405 papers, 34009 citations). He has been on the prestigious list of Highly Cited Researchers (Web of Science) for consecutive four years (2016, 2018, 2018 and 2019).

## Prof. Mohammed Ismail

—Wayne State University, Detroit, USA

—Fellow IEEE, Adjunct professor with KUSTAR, Abu Dhabi, UA



Mohammed Ismail Elnaggar, Ph.D., has spent over 30 years in academia and industry, having worked in the United States, Canada, Sweden, Egypt, and most recently at Khalifa University in the United Arab Emirates. Ismail is the founding director of Ohio State University's

Analog VLSI Lab, one of the foremost research entities in the field of analog and RF integrated circuits. He was a research chair at the Swedish Royal Institute of Technology (KTH) and created the RaMSiS (Radio and Mixed-Signal Integrated Systems) Research Group. He has served the Institute of Electrical and Electronics Engineers in many editorial and administrative capacities and has co-founded several startup companies in the semiconductor and IC design services.

## Dr. JIE ZHANG

—Newcastle University, UK



Dr Jie Zhang received his PhD in Control Engineering from City University, London, in 1991. He has been with the School of Engineering, Newcastle University, UK, since 1991 and is currently a Reader in Process Systems Engineering and Degree Programme Director for MSc

in Applied Process Control. His research interests are in the general areas of process system engineering including process modelling, batch process control, process monitoring, and computational intelligence. He has published over 290 papers in international journals, books, and conference proceedings. He is on the Editorial Boards of a number of journals including Neurocomputing published by Elsevier, PLOS ONE and International Journal of Automation and Control.

## Conference Venues



Newcastle University (formally the University of Newcastle upon Tyne) is a public research university in Newcastle upon Tyne in the North East of England. The university is a red brick university and is a member of the Russell Group, an association of prestigious research-intensive UK universities.



### Newcastle University

—*Newcastle upon Tyne, the UK*



In Newcastle University, Teaching and research are delivered in 24 academic schools and 40 research institutes and research centres, spread across three Faculties: the Faculty of Humanities and Social Sciences; the Faculty of Medical Sciences; and the Faculty of Science, Agriculture and Engineering. The university offers around 175 full-time undergraduate degree programmes in a wide range of subject areas spanning arts, sciences, engineering and medicine, together with approximately 340 postgraduate taught and research programmes across a range of disciplines. Newcastle University has also been awarded a Gold in Teaching by the Teaching Excellence Framework (TEF), one of ten Russell Group universities to achieve Gold TEF rating.



**Newcastle  
Newcastle University  
Newcastle upon Tyne  
NE1 7RU**



As a relatively new university, AUT came in eighth place in the 2006 Performance-Based Research Fund (PBRF) round, but has shown the greatest improvement in PBRF rating of New Zealand's eight universities.

The University opened new research centres and institutes in 2016, bringing the total number to more than 60, covering a wide range of disciplines. In 2016, AUT's quality-assured research outputs increased by 9% to more than 2000 outputs, including publication in leading international journals.

## Auckland University of Technology

—Auckland, New Zealand

Auckland University of Technology (AUT) is a university in New Zealand, formed on 1 January 2000 when a former technical college (originally established in 1895) was granted university status. It has five faculties across three campuses in Auckland: City, North, and South campuses, and an additional three specialist locations: AUT Millennium, Warkworth Radio Astronomical Observatory and AUT Centre for Refugee Education.



## Chulalongkorn University

—Bangkok, Thailand



Chulalongkorn University is a public and autonomous research university in Bangkok, Thailand. The university was originally founded during King Chulalongkorn's reign and now is the oldest institute of higher education in Thailand. Chulalongkorn University is a comprehensive and research-intensive university. It is ranked as the best university in Thailand in many surveys, quality of students, quality of research, quality in particular subjects, university reputation, environmental management systems. According to QS world university ranking 2017, CU is placed 245th in the world, 45th in Asia, 1st in Thailand, and 201–250 in the world graduate employability ranking.



Chulalongkorn University is composed of nineteen faculties, a School of Agriculture, three colleges, ten institutes and two other schools. Its campus occupies a vast area in downtown Bangkok.

## Upcoming Conferences

# Call for paper

► September 16-18, 2020 — Berlin, Germany

### 2020 International Conference on Frontiers of Artificial Intelligence and Machine Learning

2020 International Conference on Frontiers of Artificial Intelligence and Machine Learning (FAIML 2020) welcomes researchers, engineers, scientists, and industry professionals to an open forum where advances in the field of artificial intelligence and machine learning can be shared and examined. The conference is an ideal platform for keeping up with advances and changes to a consistently morphing field. Leading researchers and industry experts from around the globe will be presenting the latest studies through papers and oral presentations.

### History & Best Awards

FAIML 2019 has been successfully held in Rome, Italy on July 26-28, 2019



**Best Paper**



**Best Student Paper**



**Best poster**

### Publication

All accepted papers will be published in the digital conference proceedings which will send to be indexed by all major citation databases such as **Ei Compendex**, **Scopus**, **CPCI**, **Google Scholar**, **Cambridge Scientific Abstracts (CSA)**, **Inspec**, **SCImago Journal & Country Rank (SJR)**, **EBSCO**, **CrossRef**, **Thomson Reuters (WoS)**, etc.

Selected papers will be recommended to be published in the International Journal of Robotics and Mechatronics.

▶ **October. 9-11, 2020 — Tokyo, Japan**

## 2020 International Conference on Frontiers of Artificial Intelligence and Machine Learning

2020 International Workshop on 5G, Connectivity, and Mobility (5GCM 2020) aims to bring together leading academic scientists, researchers, and research scholars to exchange and share their experiences and research results in the field of 5G, Connectivity, and Mobility. With the theme "5G, Connectivity and Mobility", 5GCM aspires to keep up with advances and changes to a consistently morphing field. Leading researchers and industry experts from around the globe will be presenting the latest studies through papers and oral presentations.



### Publication

All accepted papers will be published in the digital conference proceedings which will send to be indexed by all major citation databases such as **Ei Compendex, Scopus, CPCI, Google Scholar, Cambridge Scientific Abstracts (CSA), Inspec, SCImago Journal & Country Rank (SJR), EBSCO, CrossRef, Thomson Reuters (WoS)**, etc.

A selection of papers will be recommended to be published in journals.

▶ **November 17-19, 2020 — Newcastle University, UK**

## The 4th International Symposium on Computer Science and Intelligent Control

The 4th International Symposium on Computer Science and Intelligent Control (ISCSIC 2020) welcomes new research in the areas of computer science and intelligent control, such as distributed systems, computer vision, image and signal processing, intelligent systems, robotics, industrial process control, big data analytics, modeling and optimization, machine learning and artificial intelligence. And we also encourage the participation of other disciplines in this conference where multidisciplinary research and knowledge transfer projects are presented.

### History & Best Awards

The 3rd ISCSIC has been held in Amsterdam, the Netherlands on 25-27 September 2019, and accepted paper by ISCSIC 2019 has been published in the **ACM conference series**.

The 2nd ISCSIC has been held in Stockholm, Sweden on 21-23 September 2018, and accepted paper by ISCSIC 2018 has been published in **ACM conference series**.

The 1st ISCSIC has been held in Budapest, Hungary on 20-22 October 2017, and accepted paper by ISCSIC 2017 has been published in **IEEE conference series and Journal Computer**.

*ISCSIC 2019*

*ISCSIC 2018*

*ISCSIC 2017*



ISCSIC 2019 Best Student Paper  
**Sara Makki** (University of Claude Bernard Lyon 1, France)



ISCSIC 2019 Best Paper  
**Jawad Naveed Yasin** (University of Turku, Finland)



ISCSIC 2018 Best Paper  
**Raid Saabni** (Tel-Aviv Yaffo Academic College TRD-Center, Tel-Aviv, Israel)

## February 19-21, 2021 — Chiang Mai, Thailand

### 2021 International Joint Conference on Information and Communication Engineering

2021 International Joint Conference on Information and Communication Engineering (JCICE 2021) is an open forum where advances in the field of Information and Communication Engineering can be shared and examined. The researchers, engineers, scientists, and industry professionals are welcomed to join this conference. Leading researchers and industry experts from around the globe will be presenting the latest studies through papers and oral presentations. Over the three days of this conference, you'll have an opportunity to hear about the latest developments and changes in an incredibly exciting field.

### History & Best Awards

JCICE 2020 was successfully held in Sydney, Australia on Feb. 17-19, 2020

JCICE 2019 has been held in Shenzhen FY Hotel, Shenzhen on March 21-24, 2019

JCICE 2018 was successfully held in Shanghai, China, April 27-29, 2018.



JCICE 2019 Best Paper



JCICE 2018 Best Paper

### Publication

All accepted papers will be published in the digital conference proceedings which will send to be indexed by all major citation databases such as **Ei Compendex, Scopus, CPCI, Google Scholar, Cambridge Scientific Abstracts (CSA), Inspec, SCImago Journal & Country Rank (SJR), EBSCO, CrossRef, Thomson Reuters (WoS)**, etc.

A selection of papers will be recommended to be published in journals.