

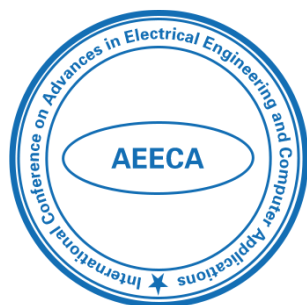
# 第三届 IEEE 电气工程与计算机应用前沿国际会议

## (AEECA2022)

The 3rd IEEE International Conference on Advances in Electrical  
Engineering and Computer Applications (AEECA2022)

### 会议手册

### Conference Program



腾讯线上会议

VooV (Online) Meeting

2022年8月19日-20日

August 19-20, 2022

# 大会简介 Introduction

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受疫情影响，原定于 2022 年 8 月 20 日-21 日在大连召开的电气工程与计算机应用前沿国际会议 (AEECA2022) 将调整为 2022 年 8 月 19 日-20 日在线上召开。本届会议由国际应用科学与技术协会 (IAAST) 主办，郑州大学，北京工业大学，武汉工程大学协办。大会以“电气工程与计算机应用”为主题，旨在为来自国内外高等院校、科研院所、以及各企事业单位的专家、学者、工程技术人员提供一个交流经验与展示最新研究成果的平台，探讨前沿技术，引领行业发展趋势，促进学术成果产业化合作。

Due to the epidemic situation, the 3rd IEEE International Conference on Advances in Electrical Engineering and Computer Applications (AEECA2022), which was originally planned to be held in Dalian, China during August 20-21, 2022 **will be adjusted to online mode on August 19-20, 2022.**

AEECA2022 is jointly organized by International Association of Applied Science and Technology (IAAST), Zhengzhou University, Beijing University of Technology and Wuhan Institute of Technology. It will bring together researchers and scientists from electrical engineering, computer applications and other related fields to discuss problems and solutions in the area, to identify new issues, and to shape future directions for research. This conference provides opportunities for the delegates to exchange new ideas and application experiences, to establish business or research relations and to find global partners for future collaboration.

# 组织机构

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## 主办单位

国际应用科学与技术协会 (IAAST)

## 协办单位

郑州大学

北京工业大学

武汉工程大学

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## 联席主席



何泾沙教授，北京工业大学

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Bin Xue, National University of Defense Technology, China

Biplob Ray, Deakin University, Australia

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Yusri Yusof, Universiti Tun Hussein Onn Malaysia, Malaysia  
Zhenghao Shi, Xi'an University of Technology, China  
Zhuxing Yang, National Cheng Kung University, Taiwan

# Organization

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## Organizers

International Association of Applied Science and Technology (IAAST)

Zhengzhou University

Beijing University of Technology

Wuhan Institute of Technology

## Sponsors

IEEE Press

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## General Chair



**Yanling Cai**, Professor, Zhengzhou University, China

**Research Interests:** Product planning, healthcare management and telemedicine system, and E-commerce platform enterprise strategy, manufacturing system.

## Co-chair



**Jingsha He**, Professor, Beijing University of Technology, China

**Research Interests:** Computer networks, information safety, 3D printing, big data and cloud computing security, digital forensics.

## **International Scientific Committee**

Alankrita Aggarwal, Panipat Institute of Engineering and Technology, India

Amine Khaldi, Universite Kasdi Merbah Ouargla, Algeria

Bin Xue, National University of Defense Technology, China

Biplob Ray, Deakin University, Australia

Danilo Avola, Sapienza University of Rome, Italy

Farzin ASADI, Kocaeli University, Turkey

G.G.Raja Sekhar, KL University, India

Gorka Urbikain Pelayo, Universidad País Vasco, Spain

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Zhuxing Yang, National Cheng Kung University, Taiwan

### **Publication Chair**

Tingchun Yan, Assistant Professor, Heilongjiang University, China



# 会议日程

## AEECA2022 日程安排

日期	时间	事项
8月19日 星期五		欢迎辞 & 特邀嘉宾报告  会议主题: AEECA2022 (Day 1: 2022-08-19)  会议时间: 2022/08/19 09:00-2022/08/19 18:00 (GMT+08:00) 中国标准时间-北京  点击链接入会或添加至会议列表: <a href="https://meeting.tencent.com/dm/fMMt8VreEJ5Z">https://meeting.tencent.com/dm/fMMt8VreEJ5Z</a>  腾讯会议 ID: 774-883-440
	09:00-09:15	欢迎辞  蔡雁岭教授, 郑州大学; 何泾沙教授, 北京工业大学
	09:15-09:55	M. A. JABBAR, 印度 Vardhaman 工程学院教授
	09:55-10:35	CH VKNSN Moorthy, 印度 Vasavi 工程学院教授
	10:35-11:15	Prem Kumar Singh, 印度甘地技术与管理学院副教授
	11:15-11:50	王文峰, 上海临港国际人工智能产业研究院首席科学家
	11:50-13:30	午休
	13:30-14:00	Madiyah Mohd Saudi, 马来西亚伊斯兰理工大学教授

	14:00-14:30	Danilo Avola, 意大利罗马大学助理教授
	14:30-15:00	Anand Nayyar, 越南维新大学助理教授
	15:00-15:30	KORHAN CENGIZ, 阿联酋 University of Fujairah 助理教授
	15:30-16:00	M.SEENIVASAN, 印度安纳玛莱大学副教授
	16:00-16:30	Majid Forghani Elahabad, 巴西 ABC 联邦大学教授
	16:30-17:00	Ir. Ts. Dr. Vimal Rau Aparow, 马来西亚诺丁汉大学助理教授
	17:00-17:30	賴文政, 雲林科技大學教授
8月20日 星期六	<p><b>学术论文汇报</b></p> <p><b>会议主题: AEECA2022 (Day 2: 2022-08-20)</b></p> <p><b>会议时间: 2022/08/20 09:00-2022/08/20 18:00 (GMT+08:00) 中国标准时间-北京</b></p> <p><b>点击链接入会或添加至会议列表: <a href="https://meeting.tencent.com/dm/sv9JsHCrg2v4">https://meeting.tencent.com/dm/sv9JsHCrg2v4</a></b></p> <p><b>腾讯会议 ID: 676-849-638</b></p>	

	09:00-12:00	1220220323124879, 1220220405145159, 1220220411247602 1220220413397457, 1220220413381851, 1220220423982285 1220220423500489, 1220220424386249, 1220220427623831 1220220428786122, 1220220428755632, 1220220429299872 1220220429362896, 1220220506308765, 1220220512846611 1220220513321647, 1220220515363417, 1220220516546497 A20220518177135, A20220519304679, A20220527624311 A20220530207891, A20220530548411, A20220601919711 A20220601302725, A20220605641909, A20220602464060 A20220606100727, A20220607114602, A20220609555975
	14:00-18:00	A20220610976816, A20220610887528, A20220612750662 A20220613748874, A20220613433292, A20220613390902 A20220614433036, A20220614189042, A20220615415470 A20220615321174, A20220615515282, A20220615850408 A20220618248357, A20220619960767, A20220620371104 A20220620401122, A20220620722514, A20220620628434 A20220622827015, A20220623575461, A20220623531797 A20220624533119, A20220624870521, A20220624703141 A20220624829425, A20220626170472, A20220627172576 A20220627467398, A20220628310339, A20220629215856 A20220629321150, A20220629622713, AS25514, AS28458 AS30369, AE19557, AE19558, AS66666

# Conference Program

DATE	TIME	ITEM
August 19, 2022 Friday	<b>Welcome Speech &amp; Invited Speeches</b>  TOPIC: AEECA2022 (Day 1: 2022-08-19)  <b>TIME: 2022/08/19 09:00-2022/08/19 18:00 (GMT+08:00) Beijing Time</b>  <b>Click the link below, or add it to your conference list:</b> <a href="https://meeting.tencent.com/dm/fMMt8VreEJ5Z">https://meeting.tencent.com/dm/fMMt8VreEJ5Z</a>  <b>Conference ID: 774-883-440</b>  <b>Attention: please download the VOOV Meeting and test whether it can be used normally in advance.</b>	
	09:00-09:15	Opening Ceremony from Prof. Yanling Cai, Zhengzhou University, China; Prof. Jingsha He, Beijing University of Technology, China
	09:15-09:55	M. A. JABBAR, Professor and Head of the Department CSE(AI&ML), Vardhaman College of Engineering, India.
	09:55-10:35	CH VKNSN Moorthy, Professor, Director R&D, Vasavi College of Engineering, India.
	10:35-11:15	Prem Kumar Singh, Associate Professor, Gandhi Institute of Technology and Management, India.
	11:15-11:50	Wenfeng Wang, Chief Scientist, Slailab, shanghai lin' gang artificial intelligence lab.
	11:50-13:30	Break

	13:30-14:00	Madiah Mohd Saudi, Associate Professor, Chief Information Officer (CIO), Universiti Sains Islam Malaysia (USIM), Malaysia.
	14:00-14:30	Danilo Avola, Assistant Professor, Sapienza University of Rome, Italy.
	14:30-15:00	Anand Nayyar, Assistant Professor, Duy Tan University, Vietnam.
	15:00-15:30	KORHAN CENGIZ, Assistant Professor, IEEE/ACM Member, University of Fujairah, UAE.
	15:30-16:00	M.SEENIVASAN, Associate Professor and Coordinator, Annamalai University, India.
	16:00-16:30	Majid Forghani Elahabad, Assistant professor, Federal University of ABC, Brazil.
	16:30-17:00	Ir. Ts. Dr. Vimal Rau Aparow, Assistant Professor, Faculty of Science and Engineering, University of Nottingham Malaysia.
	17:00-17:30	Wen-Cheng Lai, Professor, National Yunlin University of Science and Technology, Taiwan, China.
August 20, 2022 Saturday	<b>Oral Presentation</b>	
	TOPIC: AEECA2022 (Day 2: 2022-08-20)	
	TIME: 2022/08/20 09:00-2022/08/20 18:00 (GMT+08:00) Beijing Time	
	Click the link below, or add it to your conference list:	
	<a href="https://meeting.tencent.com/dm/sv9JsHCrg2v4">https://meeting.tencent.com/dm/sv9JsHCrg2v4</a>	
	Conference ID: 676-849-638	
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	09:00-12:00	1220220323124879, 1220220405145159, 1220220411247602 1220220413397457, 1220220413381851, 1220220423982285 1220220423500489, 1220220424386249, 1220220427623831 1220220428786122, 1220220428755632, 1220220429299872 1220220429362896, 1220220506308765, 1220220512846611 1220220513321647, 1220220515363417, 1220220516546497 A20220518177135, A20220519304679, A20220527624311 A20220530207891, A20220530548411, A20220601919711 A20220601302725, A20220605641909, A20220602464060 A20220606100727, A20220607114602, A20220609555975
	14:00-18:00	A20220610976816, A20220610887528, A20220612750662 A20220613748874, A20220613433292, A20220613390902 A20220614433036, A20220614189042, A20220615415470 A20220615321174, A20220615515282, A20220615850408 A20220618248357, A20220619960767, A20220620371104 A20220620401122, A20220620722514, A20220620628434 A20220622827015, A20220623575461, A20220623531797 A20220624533119, A20220624870521, A20220624703141 A20220624829425, A20220626170472, A20220627172576 A20220627467398, A20220628310339, A20220629215856 A20220629321150, A20220629622713, AS25514, AS28458 AS30369, AE19557, AE19558, AS66666