

IPEC2023

2023 Asia-Pacific Conference on Image Processing, Electronics and Computers

第四届亚太图像处理、电子与计算机国际会议

会议日程  
Conference Program



大连 / 腾讯线上会议  
Dalian / VooV Meeting  
2023年4月14-16日  
April 14-16, 2023

# 大会简介

第四届亚太图像处理、电子与计算机国际会议

2023 Asia-Pacific Conference on Image Processing, Electronics and Computers

感谢各位学者对第四届亚太图像处理、电子与计算机国际会议（IPEC2023）的关注！  
本届会议由北京工业大学主办，将于 2023 年 4 月 14 日-16 日在大连（混合会议）召开。

本届会议以“图像处理、电子与计算机”为主题，旨在为全世界从事图像处理、电子与计算机相关领域的专家、学者及专业技术人员提供一个交流最新研究成果的平台。  
IPEC2023 诚邀广大学者参会交流，共同为推动图像处理、电子与计算机相关领域的科研进展努力。期待您的参与！

# Introduction

第四届亚太图像处理、电子与计算机国际会议

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2023 Asia-Pacific Conference on Image Processing, Electronics and Computers

The 2023 Asia-Pacific Conference on Image Processing, Electronics and Computers (IPEC2023) will be held in Dalian, China (hybrid mode) during April 14-16, 2023.

IPEC2023 is organized by Beijing University of Technology. The focus of the conference is to establish an effective platform for institutions and industries to share ideas and to present the works of scientists, engineers, educators and students from all over the world.

# 组织机构

第四届亚太图像处理、电子与计算机国际会议

2023 Asia-Pacific Conference on Image Processing, Electronics and Computers

## 主办单位:

北京工业大学

## 大会主席:

Ljiljana Trajković, 加拿大西蒙菲莎大学

徐雪松, 湖南科技大学, 美国布兰迪斯大学

## 共同主席:

Sos S. Agaian, 美国纽约市立大学

Yu-Dong Zhang, 英国莱斯特大学

Danilo Pelusi, 意大利特拉莫大学

## 出版主席:

何泾沙, 北京工业大学

## 组织委员会成员:

Anand Nayyar, Duy Tan University, VietNam

Biplob Ray, Deakin University, Australia

Boris Andrievsky, Saint Petersburg State University, Russia

Chien-Ming Chen, Shandong University of Science and Technology, China

Chi-Hua Chen, Fuzhou University, China

Christos Mademlis, Aristotle University of Thessaloniki, Greece

Danilo Avola, Sapienza University of Rome, Italy

Farhad Shahnia, Murdoch University, Australia

Farzin ASADI, Kocaeli University, Turkey

Gaoxi Xiao, Nanyang Technological University, Singapore

George K. Adam, University of Thessaly, Greece  
Gorka Urbikain Pelayo, Universidad País Vasco, Spain  
Harish Kumar Sahoo, Govt. University, India  
Hongfei Zhu, Chongqing University of Posts and Telecommunications, China  
Javier Gozalvez, Universidad Miguel Hernandez de Elche, Spain  
Kuan Yew Wong, Universiti Teknologi Malaysia, Malaysia  
Kuo-Hui Yeh, National Dong Hwa University, Taiwan, China  
Lavika Goel, Birla Institute of Technology Science, India  
Nameer N. EL-Emam, Philadelphia University, Amman, Jordan  
Olga Shabalina, Volgograd State technical University, Russia  
Pooja Singh, Department of Mathematics, VJTI, Mumbai, India  
Przemyslaw Falkowski-Gilski, Gdansk University of Technology, Poland  
Ravipudi Venkata Rao, S. V. National Institute of Technology, India  
Reza Rahimi, Cloud Storage Lab, Huawei Innovation Center, USA  
Ruhui Ma, Shanghai Jiao Tong University, China  
Shyam Singh Rajput, National Institute of Technology Patna, India  
Siddhartha Bhattacharyya, RCC Institute of Information Technology, India  
Ştefan Țălu, The Technical University of Cluj-Napoca, Romania  
Sulayman K. Sowe, National Institute of Information and Communications Technology, Japan  
Wei-Chang Yeh, National Tsing Hua University, Taiwan, China  
Wenlan Qiu, University of Houston, USA  
Witold Pedrycz, University of Alberta, Canada  
Xiangyu Wang, Curtin University, Australia  
Xiaobing Yan, Hebei University, China  
Yongqiang Zhao, Northwestern Polytechnical University, China  
Yongqing Zhu, Singapore University of Social Sciences, Singapore  
Young Seob Jeong, Korea Advanced Institute of Science and Technology, Korea  
Yusri Yusof, Universiti Tun Hussein Onn Malaysia, Malaysia  
Zhenghao Shi, Xi'an University of Technology, China  
Zhiyong ZHANG, Henan University of Science & Technology, China

# Organization

第四届亚太图像处理、电子与计算机国际会议

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2023 Asia-Pacific Conference on Image Processing, Electronics and Computers

## **Organizer**

Beijing University of Technology

## **General Chairs**

Ljiljana Trajković, Simon Fraser University, Canada

Xuesong Xu, Hunan University of Technology and Business & Brandeis University, USA

## **Co-chairs**

Sos S. Aгаian, City University of New York, USA

Yu-Dong Zhang, University of Leicester, UK

Danilo Pelusi, Università degli Studi di Teramo, Italy

## **Publication Chair**

Jingsha He, Beijing University of Technology, China

## **Technical Program Committee**

Anand Nayyar, Duy Tan University, VietNam

Biplob Ray, Deakin University, Australia

Boris Andrievsky, Saint Petersburg State University, Russia

Chien-Ming Chen, Shandong University of Science and Technology, China

Chi-Hua Chen, Fuzhou University, China

Christos Mademlis, Aristotle University of Thessaloniki, Greece

Danilo Avola, Sapienza University of Rome, Italy

Farhad Shahnia, Murdoch University, Australia

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Harish Kumar Sahoo, Govt. University, India

Hongfei Zhu, Chongqing University of Posts and Telecommunications, China  
Javier Gozalvez, Universidad Miguel Hernandez de Elche, Spain  
Kuan Yew Wong, Universiti Teknologi Malaysia, Malaysia  
Kuo-Hui Yeh, National Dong Hwa University, Taiwan, China  
Lavika Goel, Birla Institute of Technology Science, India  
Nameer N. EL-Emam, Philadelphia University, Amman, Jordan  
Olga Shabalina, Volgograd State technical University, Russia  
Pooja Singh, Department of Mathematics, VJTI, Mumbai, India  
Przemyslaw Falkowski-Gilski, Gdansk University of Technology, Poland  
Ravipudi Venkata Rao, S. V. National Institute of Technology, India  
Reza Rahimi, Cloud Storage Lab, Huawei Innovation Center, USA  
Ruhui Ma, Shanghai Jiao Tong University, China  
Shyam Singh Rajput, National Institute of Technology Patna, India  
Siddhartha Bhattacharyya, RCC Institute of Information Technology, India  
Ştefan Țălu, The Technical University of Cluj-Napoca, Romania  
Sulayman K. Sowe, National Institute of Information and Communications Technology, Japan  
Wei-Chang Yeh, National Tsing Hua University, Taiwan, China  
Wenlan Qiu, University of Houston, USA  
Witold Pedrycz, University of Alberta, Canada  
Xiangyu Wang, Curtin University, Australia  
Xiaobing Yan, Hebei University, China  
Yongqiang Zhao, Northwestern Polytechnical University, China  
Yongqing Zhu, Singapore University of Social Sciences, Singapore  
Young Seob Jeong, Korea Advanced Institute of Science and Technology, Korea  
Yusri Yusof, Universiti Tun Hussein Onn Malaysia, Malaysia  
Zhenghao Shi, Xi'an University of Technology, China  
Zhiyong ZHANG, Henan University of Science & Technology, China  
Zhuxing Yang, National Cheng Kung University, Taiwan, China

# 会议日程

第四届亚太图像处理、电子与计算机国际会议

2023 Asia-Pacific Conference on Image Processing, Electronics and Computers

日期	时间	事项
2023年4月14日 (星期五)		<b>会议主题: IPEC2023</b> <b>会议时间: 2023/4/14 9:00-18:00</b> 会议日程安排时间为中国北京标准时间
	9:00-11:15	<b>主讲报告</b> <b>线上会议链接:</b> <a href="https://meeting.tencent.com/dm/WEPaI6YjmmTn">https://meeting.tencent.com/dm/WEPaI6YjmmTn</a> <b>腾讯会议 ID: 502-893-227</b>
	9:00-9:10	会议开幕+线上合照
	9:10-9:35	特邀报告 1: 张煜东, 英国莱斯特大学教授
	9:35-10:00	特邀报告 2: Jerry Chun-Wei Lin, 西挪威应用科学大学教授
	10:00-10:25	特邀报告 3: Anand Nayyar, 越南维新大学教授
	10:25-10:50	特邀报告 4: Pooja Singh, 南印度教育协会技术研究院助理教授
	10:50-11:15	特邀报告 5: Danilo Avola, 意大利罗马大学助理教授
	11:20-12:30	<b>学术论文口头汇报 Session A</b> <b>线上会议链接:</b> <a href="https://meeting.tencent.com/dm/WEPaI6YjmmTn">https://meeting.tencent.com/dm/WEPaI6YjmmTn</a> <b>腾讯会议 ID: 502-893-227</b>



	11:20-12:30	学术论文口头汇报 Session B-1 线上会议链接: <a href="https://meeting.tencent.com/dm/J9qZp9Qo5P6c">https://meeting.tencent.com/dm/J9qZp9Qo5P6c</a> 腾讯会议 ID: 698-889-192
	14:00-18:00	学术论文口头汇报 Session C 线上会议链接: <a href="https://meeting.tencent.com/dm/WEPaI6YjmmTn">https://meeting.tencent.com/dm/WEPaI6YjmmTn</a> 腾讯会议 ID: 502-893-227
2023 年 4 月 14 日 (星期五)	14:00-18:00	学术论文口头汇报 Session B-2 & 学术论文口头汇报 Session D 线上会议链接: <a href="https://meeting.tencent.com/dm/J9qZp9Qo5P6c">https://meeting.tencent.com/dm/J9qZp9Qo5P6c</a> 腾讯会议 ID: 698-889-192
	18:00	会议闭幕

# Program

第四届亚太图像处理、电子与计算机国际会议

2023 Asia-Pacific Conference on Image Processing, Electronics and Computers

Date	Time	Item (Below time marked is Beijing Time: GMT+8)
April 14, 2023  (Friday)		<b>Topic: IPEC2023</b> <b>Time: 2023/4/14 9:00-18:00 (GMT+8) Beijing Time</b>
	9:00-11:15	<b>Keynote Speeches</b> Conference Link: <a href="https://meeting.tencent.com/dm/WEPal6YjmmTn">https://meeting.tencent.com/dm/WEPal6YjmmTn</a> Conference ID: 502-893-227
	9:00-9:10	Opening Ceremony & Online Group Photo
	9:10-9:35	Yu-Dong Zhang, Professor, University of Leicester, UK
	9:35-10:00	Jerry Chun-Wei Lin, Professor, Western Norway University of Applied Sciences, Norway
	10:00-10:25	Anand Nayyar, Professor, Duy Tan University, Vietnam
	10:25-10:50	Pooja Singh, Assistant Professor, SIES-Graduate School of Technology, India
	10:50-11:15	Danilo Avola, Assistant Professor, Sapienza University of Rome, Italy
	11:15-12:30	<b>Oral Presentation Session A</b> Conference Link: <a href="https://meeting.tencent.com/dm/WEPal6YjmmTn">https://meeting.tencent.com/dm/WEPal6YjmmTn</a> Conference ID: 502-893-227

	11:15-12:30	<b>Oral Presentation Session B-1</b> <b>Conference Link:</b> <a href="https://meeting.tencent.com/dm/J9qZp9Qo5P6c">https://meeting.tencent.com/dm/J9qZp9Qo5P6c</a> <b>Conference ID: 698-889-192</b>
	14:00-18:00	<b>Oral Presentation Session C</b> <b>Conference Link:</b> <a href="https://meeting.tencent.com/dm/WEPal6YjmmTn">https://meeting.tencent.com/dm/WEPal6YjmmTn</a> <b>Conference ID: 502-893-227</b>
<b>April 14, 2023 (Friday)</b>	14:00-18:00	<b>Oral Presentation Session B-2 &amp; Oral Presentation Session D</b> <b>Conference Link:</b> <a href="https://meeting.tencent.com/dm/J9qZp9Qo5P6c">https://meeting.tencent.com/dm/J9qZp9Qo5P6c</a> <b>Conference ID: 698-889-192</b>
	18:00	Close