

**Organizer:** School of Data Science, City University of Hong Kong

**Co-organizer and Host Organization:** State Key Laboratory of Internet of Things for Smart City, University of Macau

**Co-organizer:** Department of Systems Engineering and Engineering Management, City University of Hong Kong  
Faculty of Business Administration, University of Macau

The eighth International Research Conference on Systems Engineering and Management Science (IRC-SEMS2020) will take place in Macau, China, 24-25 April 2020. IRC-SEMS aims to provide a research platform for academics and researchers, particularly young faculty and graduate students, to share and exchange experience and research findings in various disciplines of Systems Engineering and Management Science. The previous conferences were hosted by City University of Hong Kong, Wuhan University, University of Chinese Academy of Sciences, Chinese Academy of Sciences and Xi'an Jiao Tong University, Dongbei University of Finance and Economics, and Nanjing University.

### Supporters:

Antai College of Economics and Management, Shanghai Jiao Tong University  
Department of Industrial and Management Engineering, Pohang University of Science and Technology  
Department of Industrial and Manufacturing Systems Engineering, Beihang University  
Department of Industrial and Manufacturing Systems Engineering, The University of Hong Kong  
Department of Industrial Engineering, Chulalongkorn University  
Department of Industrial Engineering and Decision Analytics, Hong Kong University of Science and Technology  
Department of Industrial Engineering and Logistics Management, Shanghai JiaoTong University  
Department of Industrial Engineering, Pusan National University  
Department of Industrial Engineering, Xi'an Jiaotong University  
Department of Management Sciences, City University of Hong Kong  
Department of Management Sciences and Engineering, Nanjing University  
Department of Systems Engineering, Northeastern University  
Faculty of Science and Technology, University of Macau  
School of Economics and Management, Wuhan University  
School of Management Science and Engineering, Dongbei University of Finance and Economics

### Conference Committee Members

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### Topics: (not limited to)

Artificial Intelligence and Expert Systems  
Computer Integrated Manufacturing Systems  
Data Mining and Analysis  
Decision Making Modeling and Theory  
Decision Support Systems  
E-Commerce and Information Technology  
Engineering Economy  
Enterprise Resource Planning  
Financial Engineering  
Fuzzy Logics, Game Theory  
Healthcare Systems and Management  
Human Factors Engineering and Ergonomics  
Industrial Statistics  
Innovation Systems and Management  
Knowledge and Information Management  
Logistics and Transportation Management  
Operations Research  
Project Management  
Quality and Reliability Engineering  
Quality Systems and Management  
Safety and Disruption Management  
Supply Chain Management  
Sustainable Manufacturing, Green Operations

### Conference Co-Chairs

Prof. Kwok L Tsui	City University of Hong Kong
Prof. Weijia Jia	University of Macau

### Organizing Co-Chairs

Dr. Zhixin Yang	University of Macau
Dr. Louis Liu	City University of Hong Kong

### Program Co-Chairs

Prof. Lianjie Shu	University of Macau
Prof. Chuangyin Dang	City University of Hong Kong
Dr. Kwai-Sang Chin	City University of Hong Kong

## Registration Fee

	Early-bird Rate (pay before 10 Mar 2020)	Normal Rate
Full Delegate	HKD1,400	HKD1,600
Student	HKD1,000	HKD1,200

## Official Language

The official language of the Congress is **English**.

## Submission of Abstracts\*

Original paper contributions that are relevant to the conference scope and topics are invited. The abstracts (around 250 words in one page) written in English and of completed Abstract forms in Word file format (one file for each abstract) must be uploaded to the conference web-site ([https://www.cityu.edu.hk/sdsc\\_web/ircsems2020/](https://www.cityu.edu.hk/sdsc_web/ircsems2020/)) by **the deadline of 15 Jan 2020**. Notification of Acceptance for Presentation will be made to the respective authors by **15 Jan 2020**. Contact information can be found at the conference website.

## Submission of Full Paper\*

The final full paper (6-8 pages) written in English must be uploaded to the conference web-site by 1 Mar 2020. Instructions for authors to prepare and submit the paper can be found at the conference website ([https://www.cityu.edu.hk/sdsc\\_web/ircsems2020/](https://www.cityu.edu.hk/sdsc_web/ircsems2020/)).

**\* Submission of full paper is optional as the acceptance of presentation is based on abstract. However, only the submissions of full paper are eligible for Best Paper Awards.**

## Best Young Faculty Paper Award(s)

Eligible authors to be considered:

- Submit full paper,
- Is within five years of his/her full time academic job as a Lecturer/Assistant Professor or career equivalent involving teaching and research duties at an institution of higher education or equivalent at a non-profit research institution,
- Is the first author of the accepted paper, and
- Present the paper at the conference.

## Best Student Paper Award(s)

Eligible authors to be considered:

- Submit full paper,
- Is enrolled as student at the time of submission and registration,
- Is the first author of the accepted paper, and
- Present the paper at the conference.

## Important Dates

<b>15 Jan 2020</b>	<b>Deadline for Abstracts Submission</b>
<b>15 Jan 2020</b>	<b>Notification of Acceptance for Presentation</b>
16 Jan 2020	Registration Commencement
01 Mar 2020	Deadline for Full Paper Submission
10 Mar 2020	Deadline for Early Bird Registration
24-25 Apr 2020	IRC-SEMS2020

## For Further Information

Conference web site: [https://www.cityu.edu.hk/sdsc\\_web/ircsems2020/](https://www.cityu.edu.hk/sdsc_web/ircsems2020/)  
E-mail address of Conference Secretariat: [ircsems.20@cityu.edu.hk](mailto:ircsems.20@cityu.edu.hk)

