

IFAC Workshop Series on Control Systems and Data Science Towards Industry

Module **2**

Chemical & Biological Engineering Systems

Date 21 May 2021 (Friday)

Time 8:45 – 11:30 am (Hong Kong Time)

Registration link

https://www.cityu.edu.hk/sdsc_web/zoom/ifac2021m2/

Moderator



Prof Li QIU

Professor, Department of Electronic and Computer Engineering;
Director of HKUST Shenzhen Cyber-Physical Systems Laboratory & HKUST-Zhongshan Joint Innovation Center

Hong Kong University of Science and Technology

Speakers



Prof Richard D. BRAATZ

Edwin R. Gilliland Professor and Faculty Research Officer; Department of Chemical Engineering

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Prof Jay H. LEE

Professor, Department of Chemical and Biomolecular Engineering; Director, Saudi Aramco-KAIST CO₂ Management Center

Korea Advanced Institute of Science and Technology



Prof Furong GAO

Chair Professor, Department of Chemical and Biological Engineering; Director, Center for Polymer Processing and Systems

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Please scan the QR code for Programme Details



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Prof Alain BENSOUSSAN
Prof Richard BRAATZ
Prof Jie CHEN
Prof Alessandro CHIUSO
Prof Yining DONG
Prof Gang FENG
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Prof Zhong-Ping JIANG
Dr Yuan JIN
Prof Jay H. LEE
Prof Qiang LIU
Prof Li QIU
Prof James RAWLINGS
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Prof Jin WANG
Prof Chunhua YANG
Prof Fengqi YOU
Dr Hong ZHAO
Prof Qinqin ZHU

Industry 4.0 refers to the 4th industrial revolution using cyber-physical systems to produce breakthrough improvement in manufacturing productivity, safety, and competitiveness. It is driven by several emerging technological frontiers, including data science, robotics, digital twins, industrial internet of things (IIoT), artificial intelligence (AI) and many more.

Co-sponsored by International Federation of Automatic Control (IFAC) TC6.1 Chemical Process Control and TC1.1 Modelling, Identification and Signal Processing and IFAC Activity Fund (<https://sites.ifac-control.org/activityfund>), this workshop series is given by world-renowned scholars and industrial leaders in the intersection of control systems theory and data analytics.

- 1 Module 1, Data Science and Automatic Control Systems, 19 March 2021
- 3 Module 3, Electrical and Computer Engineering Systems, 9 July 2021