

ASCC 2024

The 14th Asian Control Conference July 5-8, 2024, Shangri-La Hotel, Dalian, China. http://ascc2024.dlut.edu.cn



Advisory Committee

Etsujiro Shimemura, Waseda U., Japan Wook Hyun Kwon, Seoul National U., Korea Hidenori Kimura, the U. of Tokyo, Japan Hyungsuck Cho, KAIST, Korea Yugeng Xi, Shanghai Jiao Tong U., China Li Chen Fu, Natl. Taiwan U., Taiwan, China Sangchul Won, Konkuk U., Korea Tong Heng Lee, National U. of Singapore, Singapore Takeshi Mizuno, Saitama U., Japan Keum-Shik Hong, Pusan National U., Korea Lei Guo, Chinese Acad. of Sciences, China Ljubo Vlacic, Griffith U., Australia Shuzhi Sam Ge, National U. of SG, Singapore

General Chair

Wei Wang, Dalian U. of Tech., China

Organizing Chairs

Ximing Sun, Dalian U. of Tech., China Yuhu Wu, Dalian U. of Tech., China Zhixin Liu, Chinese Acad. of Sciences, China Yonghui Yang, U. of Sci. and Tech. Liaoning, China

Program Chairs

Shaoyuan Li, Shanghai Jiao Tong U., China Jun Zhao, Dalian U. of Tech., China Yanlong Zhao, Chinese Acad. of Sciences, China

ACA Steering Committee

Mohd Rizal Arshad, U. Malaysia Perlis, Malaysia Aamer Iqbal Bhatti, Cap. U. of Sci. & Tech., Pakistan John-John Cabibihan, Qatar U., Qatar Mehmet Onder Efe, Hacettepe U., Turkey Taketoshi Kawabe, Kyushu U., Japan Waree Kongprawechnon, Thammasat U., Thailand Shiro Masuda, Tokyo Metropolitan U., Japan Yul Y. Nazaruddin, Inst. Tek. Bandung, Indonesia PooGyeon Park, Pohang U. Sci. & Tech., Korea Li Qiu, U. of Sci. and Tech., Hong Kong, China Bidyadahar Subudhi, Indian Inst. Tech Goa, Indian Chu Duc Trinh, Vietnam National U., Vietnam Liuping Wang, RMIT U., Australia Wen-June Wang, Natl. Taipei U. Tech, Taiwan, China Jun Zhao, Dalian U. of Tech., China Yanlong Zhao, Chinese Acad. of Sciences, China

Invited Sessions Chairs

Dong Wang, Dalian U. of Tech., China Jian Sun, Beijing U. of Tech., China Taketoshi Kawabe, Kyushu U., Japan PooGyeon Park, Pohang U. Sci. & Tech., Korea Liuping Wang, RMIT U., Australia

Registration & Finance Chairs

Quanli Liu, Dalian U. of Tech., China Hongsheng Qi, Chinese Acad. of Sciences, China

Workshop Committee

Xinve Cai, Dalian U. of Tech., China Wenxiao Zhao, Chinese Acad. of Sciences, China

Award Committee

Tao Liu, Dalian U. of Tech., China Li Qiu, U. of Sci. and Tech., Hong Kong, China Qingshan Jia, Tsinghua University, China

General Secretaries

Zheng Lv, Dalian U. of Tech., China Hyosung Ahn, GIST, Korea Wenchao Xue, Chinese Acad. of Sciences, China

Sponsors

Asian Control Association (ACA) Technical Committee on Control Theory (TCCT), CAA, China Co-sponsor

Dalian University of Technology, China

Technical Co-sponsors Chinese Automation Association (CAA), China **IEEE Control Systems Society (CSS)** International Federation of Automatic Control (IFAC) Institute of Control, Robotics and Systems (ICROS), Korea The Society of Instrument and Control Engineers (SICE), Japan IEEE SMC Society Dalian Chapter, China University of Science and Technology Liaoning, China



ASCC 2024 will be held on July 5-8, 2024 at Shangri-La Hotel, Dalian, China. The aim of ASCC is to bring together professors, researchers, engineers, and students worldwide to share their recent findings and discuss the state-of-the-art technologies related to control, automation, artificial intelligence, robotics, and systems. The program includes plenary talks, tutorials, technical presentations of peer reviewed regular and position/industrial papers, special sessions, workshops, and exhibits. The past ASCCs include Tokyo (1994, the 1st), Seoul (1997), Shanghai (2000), Singapore (2002), Melbourne (2004), Bali (2006), Hong Kong (2009), Kaohsiung (2011), Istanbul (2013), Kota Kinabalu (2015), Gold Coast (2017), Kitakyushu (2019) and Jeju Island (2022). Topics of interest include but are not limited to:

Intelligent Control Motion and Vibration Control Neural Networks Neuro and Bio Informatics Nonlinear Control **Robotics and Mechanics** Swarm and Evolutionary Computation System Identification and Modelling

Important dates

Regular paper submission Organized session/position papers Notification of acceptance Final camera-ready paper submission Due May. 16, 2024 Early-bird registration close

Due Mar. 31, 2024 Due Mar. 31, 2024 Apr. 20, 2024 Jun. 06, 2024

Submission Guidelines

All submissions must be made through the on-line system (<u>https://cms.amss.ac.cn/</u>). When preparing the manuscript, the authors should adhere to the IEEE style for conference paper. All submitted papers must be written in English. Accepted papers are limited to 6 pages (regular paper) and 2 pages (position paper) at no extra charge. Up to two extra pages are allowed with an additional charge. All publication material for presentation must be original and hence cannot be already published, nor can it be under review elsewhere.

Dalian is a place where you can find natural scenes of stunning beauty, amiable climate, stylish architecture, comfortable beaches and tourist resorts. The gardens and squares constitute unique decorations of the city. Along the southern coast, a road like a jade ribbon runs among the mountains and along the sea. To the north, there is the Golden Pebble Beach Holiday Resort, where one can see typical sea-corroded landscape and landform of costal cast. Dalian sincerely welcome fellows and friends worldwide to join ASCC 2024.



Contact

General Secretary, Assoc. Prof. Zheng Lv, lvzheng@dlut.edu.cn Organizing Chair, Prof. Yuhu Wu, wuyuhu@dlut.edu.cn Program Chair, Prof. Jun Zhao, zhaoj@dlut.edu.cn Program Chair, Prof. Yanlong Zhao, ylzhao@amss.ac.cn Email: ASCC2024@dlut.edu.cn