

Honorary General Chairs

Ren C. Luo, Nat'l Taiwan Univ.
Tsu-Tian Lee, Tamkang Univ.
Tzou-Hseng S. Li, Nat'l Cheng Kung Univ.
Han-Pang Huang, Nat'l Taiwan Univ., Taiwan

International Advisory Committees

Tzyh Jong Tarn, Washington Univ., USA
Satoshi Tadokoro, Tohoku Univ., Japan
Philip C. L. Chen, Univ. of Macau, Macau, China
Han-Xiong Li, City Univ. of Hong Kong, China
In-So Kweon, KAIST, Korea
Jae-Bok Song, Korea Univ., Korea
Raja Chatila, University Pierre et Marie Curie, France
Li-Chen Fu, Nat'l Taiwan Univ., Taiwan
Jia-Yush Yen, Nat'l Taiwan Univ., Taiwan
Mi-Ching Tsai, Nat'l Cheng Kung Univ. Taiwan
Jwu-Sheng Hu, ITRI, Taiwan
Enid Tsai, General Manager, HIWIN, TAIROA, Taiwan
Chyi-Yen Lin, Nat'l Taiwan Univ. of Sci. and Tech., Taiwan
Kai-Tai Song, TAIROA/ Nat'l Chiao Tung Univ., Taiwan
Wei-Yen Wang, Nat'l Taiwan Normal Univ., Taiwan

General Chair

Ching-Chih Tsai, President, Robotics Society of Taiwan

General Co-Chairs

Shun-Feng Su, Nat'l Taiwan Univ. of Sci. and Tech.
Wen-June Wang, Nat'l Central Univ.

Program Chairs

Gwo-Ruey Yu, Nat'l Chung Cheng Univ.
Sndren Sheng-Dong Xu, Nat'l Taiwan Univ. of Sci. and Tech.
Pei-Chun Lin, Nat'l Taiwan Univ.

Program Co-Chairs

Alan Liu, Nat'l Chung Cheng Univ.
Kuo-Young Young, Nat'l Chiao Tung Univ.
Ming-Yang Cheng, Nat'l Cheng Kung Univ.
Chia-Feng Juang, Nat'l Chung Hsing Univ.
Kuo-Yang Tu, Nat'l Kaohsiung First Univ. of Sci. and Tech.
Chen-Chien James Hsu, Nat'l Taiwan Normal Univ.
Chung-Hsien Kuo, Nat'l Taiwan Univ. of Sci. and Tech.

Award Committee Chairs

Kao-Shing Hwang, Nat'l Sun-Yat Sen Univ.
Ting-Jen Yeh, Nat'l Tsing Hua Univ.

Invited Session Chairs

Hsien-I Lin, Nat'l Taipei Univ. of Tech.
Yi-Hung Liu, Nat'l Taipei Univ. of Tech.
Ching-Chang Wong, Tamkang Univ.
Ming-Shyan Wang, Southern Taiwan Univ. of Sci. and Tech.
Jung-Shan Lin, Nat'l Chi-Nan Univ.
Yen-Chen Liu, Nat'l Cheng Kung Univ.
Rong-Jyue Wang, Nat'l Formosa Univ.

Publicity Chairs

Ping-Lang Yen, Nat'l Taiwan Univ.
Hsu-Chih Huang, Nat'l Ilan Univ.
Feng-Li Lian, Nat'l Taiwan Univ.
Chin-Sheng Chen, Nat'l Taipei Univ. of Tech.
Guo-Shing Huang, Nat'l Chin-Yi Univ. of Tech.
Chung-Liang Chang, Nat'l Pingtung Univ. of Sci. and Tech.

Publications Chairs

Huei-Yung Lin, Nat'l Chung Cheng Univ.
Feng-Chun Tai, Nat'l Chung Hsing Univ.
Kuo-Lan Su, Nat'l Yunlin Univ. of Sci. and Tech.

Registration Chairs

Yuan-Pao Hsu, Nat'l Formosa Univ.
Ming-Yuan Shieh, Southern Taiwan Univ. of Sci. and Tech.
Chih-Yung Cheng, Nat'l Taiwan Ocean Univ.

Finance Chairs

Chi-Huang Lu, Hsiuping Univ. of Sci. and Tech.
Ya-Lin Chang, Nat'l Chin-Yi Univ. of Tech.

Local Arrangements Chairs

Yung-Yao Chen, Nat'l Taipei Univ. of Tech.

Exhibition Chairs

Tsung-Yung Lu (Anthony Lu), DMP Electronics.
Chih-Fu Chang (Jeff Chang), Uni-innovate Technology.

Workshop and Tutorial Chair

Chih-Jer Lin, Nat'l Taipei Univ. of Tech.

ARIS2018 Conference Secretariat:

Web Site: <http://aris2018.nchu.edu.tw>
Secretariat: **Advanced Electrical Control Lab., National Chung Hsing University**
Phone: 886-4-22851549 ext. 601
Fax: 886-4-22856232
Address: AECL (Lab601), Dept. of E.E., NCHU, No. 145, XingDa Road, Taichung 40227, Taiwan, R.O.C.
E-mail: aris2018@dragon.nchu.edu.tw

Host by Robotics Society of Taiwan (RST),
National Chung Hsing University (NCHU)

Technically Sponsored by

IEEE Systems, Man and Cybernetics Society
Ministry of Science and Technology, Taiwan, R.O.C.
Ministry of Economic Affairs, Bureau of Foreign Trade, Taiwan, R.O.C.
Taiwan Automation Intelligence and Robotics Association (TAIROA)
IEEE Computational Intelligence Society, Taipei Chapter
IEEE Systems, Man and Cybernetics Society, Taichung Chapter
Korea Robotics Society (KROS), Korea.
IEEE Robotics and Automation Society, Taipei Chapter
International Fuzzy Systems Association (IFSA)
Chinese Automatic Control Society (CACS)

Patrons

ARIS 2018, 2018 International conference on Advanced Robotics and Intelligent Systems, is held at **Taipei Nangang Exhibition Center, Taipei, Taiwan, over August 28-31, 2018**. ARIS 2018 is soliciting novel research results on Advanced Robotics and Intelligent Systems and related topics. Jointly organized by RST and NCHU, this conference provides a very good opportunity for research scientists, investors, industrial and government representatives to present their results and to exchange ideas. For paper submissions and more information, please visit the conference website at: <http://aris2018.nchu.edu.tw>

Topics of interest include but are not limited to:

3D Perception	Automation Intelligence	Big-Data Analytics for Industry 4.0
Brain Machine Interface System	Cloud Computing for Industry 4.0	Cognitive Robots
Cyber-Physical Systems for Industry 4.0	Education Robots	Embedded Robot and Intelligence
Entertainment and Amusement Robots	Fuzzy Control and Robotics	Home Robot and Service Robot for Elder and Children
Human-Robot Interactions	Humanoid Robot	Indoor and Outdoor Service Robots
Inspection Robots	Intelligent Automated System and Its Applications	Intelligent Control for Assistive Robots
Intelligent Control Systems	Intelligent Manufacturing Systems	Intelligent Medical Systems and Applications
Intelligent Robotics and Systems	Intelligent Systems for Smart City	Internet of Things (IoT) for Industry 4.0
Localization and SLAM	Medical Robots	Multi-Agent Systems
Multi-Robot Systems	Rehabilitation Robot & Caring Robot	Rescue Robots and Hazardous Duty Robots
Security Robots	System Integration Technology	Wheelchair Robots
Wireless and Intelligent Sensor Fusion	Other Robots	...etc.

Important Dates

May 8, 2018 Proposals of organized/invited sessions

June 15, 2018 Submission of contributed papers

June 29, 2018 Notification of acceptance

July 23, 2018 Final papers due

Submission Policies:

Papers submitted should be written in English. The official language of the conference is English.

Presentation-only Papers:

Submit one-page paper for oral presentation. This presentation will not be included in IEEE Xplore.

Contributed Papers:

Submit full paper manuscripts of no more than 6 pages in total length. Download [paper template](#). The accepted papers will be included in IEEE Xplore if agreed by author(s), or position papers.

Organized/ Invited Sessions:

ARIS2018 welcomes proposals for organized/ invited sessions within conference scope. Please put the proposal and the extended abstracts of all constituent papers in ONE electronic file when submitting. Please see [Guidelines for Proposals](#) for details.

Best Conference/Presentation/Student Paper Contest:

Identify your submission as the contest entry when you upload your manuscript electronically. Please see [Guidelines for the Best Conference/Presentation/Student Paper Contest](#) for details.

Special Issue papers

Some high-quality papers can be directly published in the special issues of the following journals:

International Journal of Fuzzy Systems (IJFS)

Journal of the Chinese Institute of Engineers (JCIE)

iRobotics (a newly established journal of RST)

