



<b>General Chair:</b>	Yu Sun (CA)
<b>General Co-Chairs:</b>	Eric Diller (CA) Xinyu Liu (CA)
<b>Founding Chair:</b>	Sergej Fatikow (DE)
<b>Program Chairs:</b>	Bradley Nelson (CH) Moham. Qasaimeh (AE)
<b>Awards Chair:</b>	Ashis Banerjee (US)
<b>Publication Chairs:</b>	Sinan Haliyo (FR) Mokrane Boudaoud (FR) Hongsoo Choi (KR)
<b>Publicity Chairs:</b>	Olaf C. Haenssler (DE) Heiko Meyer (DE)

### Steering Committee:

Ananthasuresh, G.K. (IN)	Mastrangeli, Max (NL)
Andreff, Nicolas (FR)	Menciassi, Arianna (IT)
Arai, Fumihito (JP)	Nomura, Shin-ichiro (JP)
Behkam, Bahareh (US)	Paprotny, Igor (US)
Boudaoud, Mokrane (FR)	Park, Jong-Oh (KR)
Cappelleri, David (US)	Pelrine, Ronald (US)
Choi, Hongsoo (KR)	Popa, Dan (US)
Clévy, Cédric (FR)	Qasaimeh, Mohammad (AE)
Desai, Jaydev (US)	Régnier, Stéphane (FR)
Diller, Eric (CA)	Sánchez, Samuel (ES)
Dong, Lixin (HK)	Schmidt, Oliver (DE)
Ferreira, Antoine (FR)	Shirinzadeh, Bijan (AU)
Firebaugh, Samara (US)	Sitti, Metin (DE)
Fischer, Peer (DE)	Sun, Dong (HK)
Gauthier, Michaël (FR)	Sun, Yu (CA)
Haliyo, Sinan (FR)	Susi, Toma (AT)
Huang, Han (AU)	Wang, Huiquan (CN)
Iwata, Futoshi (JP)	Wang, Wenhui (CN)
Kallio, Pasi (FI)	Xie, Hui (CN)
Lambert, Pierre (BE)	Yong, Yuen Kuan (AU)
Li, Tie (CN)	Zhang, Li (HK)
Liu, Lianqing (CN)	Zhang, Xianmin (CN)
Liu, Xinyu (CA)	Zhou, Quan (FI)
Martel, Sylvain (CA)	

### Academic Advisory Board:

Böhringer, Karl (US)	Moheimani, Reza (US)
Buchaillet, Lionel (FR)	Nelson, Bradley (CH)
Chaillet, Nicolas (FR)	Pister, Kristofer (US)
Cho, Hyungsuck (KR)	Pratap, Rudra (IN)
Ding, Han (CN)	Seneviratne, Lakmal (AE)
Du, Ruxu (HK)	Wang, Yuelin (CN)
Ehmann, Kornel (US)	Wang, Zhong Lin (US)
Fukuda, Toshio (JP)	Xi, Ning (US)
Ikuta, Koji (JP)	Yang, Guang-Zhong (UK)
Kumar, Vijay (US)	Zhang, Haixia (Alice) (CN)
Li, Wen-Jung (HK)	

### Industrial Advisory Board:

Alemnis	Lifecare
FemtoTools	Pelrine Innovations
Force Dimension	Percipio Robotics
GETec	Swatch Group
Imina Technologies	Zurich Instruments

### Program Committee:

Over 100 professionals from about 30 countries  
(see MARSS2022 website)

<http://marss-conference.org>  
[info@marss-conference.org](mailto:info@marss-conference.org)

## The 5<sup>th</sup> International Conference on Manipulation, Automation and Robotics at Small Scales

25-29 July 2022, Toronto, Canada

**MARSS**, the annual Int. Conference on Manipulation, Automation, and Robotics at Small Scales, will be held on July 25-29, 2022, in Toronto, Canada. The conference is the flagship forum for cross-disciplinary R&D communities to discuss activities related to **manipulation and automation (incl. measurement & characterization) at micro/nano scales**, and to **all kinds of small scale robots and their applications**.

**Program:** MARSS2022 offers 12-14 plenary talks and 30-35 technical sessions. The high-profile plenary talks (40 min) will be given by distinguished experts. All accepted papers will be presented in the technical sessions (20 min, oral presentation) and included into the conference proceedings on USB. Accepted full papers will be submitted for inclusion into IEEE Xplore® subject to meeting IEEE Xplore®'s scope and quality requirements.

**Awards:** All presented full papers will contest for various **Best Paper Awards**. The Awards include a certificate and a cash prize. Additionally, MARSS2022 will present **Big-on-Small Award**, along with a commemorative plaque and a cash prize. The aim of the Award is to recognize excellent performance on a MARSS-related topic and to promote upcoming talents with excellent research track and international visibility.

**Venue:** Toronto is located on the northwestern shore of Lake Ontario on a sloping plateau interspersed with rivers, deep ravines, and urban forest. Toronto is Canada's largest city, a dynamic cosmopolitan metropolis with a core of soaring skyscrapers, all dwarfed by the iconic CN Tower. Toronto has many green spaces, from the orderly oval of Queen's Park to 400-acre High Park and its trails, sports facilities and zoo.

### Important Dates:

Full paper submission (5-6 pages)	May 22, 2022
Notification of full paper status	June 05, 2022
Submission of final full papers	June 20, 2022
Registration for the full papers	June 20, 2022
Short paper submission (1-3 pages)	June 15, 2022
Notification of short paper status	1-3 days after the submission
Special session proposals	May 15, 2022 (preliminary) June 20, 2022 (final proposal)
Early Bird registration	June 20, 2022

### Organization:

University of Toronto, Canada

University of Oldenburg, Germany

IEEE Robotics & Automation Society (technical sponsor)

IEEE Nanotechnology Council (technical sponsor)

