

General Chair: Mohammad A. Qasaimeh (AE)

Founding Chair Sergej Fatikow (DE)

Local Arrangement Chair: Khalil Ramadi (AE)

Program Chairs: B. Erdem Alaca (TR)

Bahareh Behkam (US) Lixin Dong (HK)

Awards Chair: Cédric Clevy (FR)

**Publication Chairs:** Sinan Haliyo (FR)

Mokrane Boudaoud (FR) Hongsoo Choi (KR)

Publicity Chairs: Heiko Meyer (DE) Uche Wejinya (US)

Secretariat: Muhammedin Deliorman (AE

Ayoub Glia (AE)

**Steering Committee:** 

Ananthasuresh, G.K. (IN) Liu, Xinyu (CA) Andreff, Nicolas (FR) Martel, Sylvain (CA) Arai, Fumihito (JP) Mastrangeli, Max (NL) Behkam, Bahareh (US) Menciassi, Arianna (IT) Bolopion, Aude (FR) Nomura, Shin-ichiro (JP) Boudaoud, Mokrane (FR) Pané i Vidal, Salvador (CH) Cappelleri, David (US) Park, Jong-Oh (KR) Pelrine, Ronald (US) Choi, Hongsoo (KR) Clévy, Cédric (FR) Popa, Dan (US) Qasaimeh, Mohammad (AE) Das, Sambeeta (US) Diller, Eric (CA) Régnier, Stéphane (FR) Dong, Lixin (HK) Sánchez, Samuel (ES) Fan, Donglei (Emma) (US) Schmidt, Oliver (DE) Schürle, Simone (CH) Firebaugh, Samara (US) Fischer, Peer (DE) Shirinzadeh, Bijan (AU) Gauthier, Michaël (FR) Sitti, Metin (DE) Guix Noguera, Maria (ES) Sun, Yu (CA) Susi, Toma (AT) Halivo, Sinan (FR)  $Huang, Han\,(AU)$ Wang, Huiquan (CN) Iwata, Futoshi (JP) Wang, Wenhui (CN) Kallio, Pasi (FI) Yong, Yuen Kuan (AU) Lambert, Pierre (BE) Zhang, Li (HK) Li, Tie (CN) Zhang, Xianmin (CN)

### Academic Advisory Board:

Liu, Lianqing (CN)

Böhringer, Karl (US)
Buchaillot, Lionel (FR)
Cho, Hyungsuck (KR)
Desai, Jaydev (US)
Ding, Han (CN)
Du, Ruxu (HK)
Ehmann, Kornel (US)
Ferreira, Antoine (FR)
Fukuda, Toshio (JP)
Ikuta, Koji (JP)
Jin, Zhonghe (CN)
Kumar, Vijay (US)
Li, Wen-Jung (HK)

Moheimani, Reza (US) Nelson, Bradley (CH) Pister, Kristofer (US) Pratap, Rudra (IN) Seneviratne, Lakmal (AE) Stebe, Kathleen (US) Sun, Dong (HK) Wang, Yuelin (CN) Wang, Zhong Lin (US) Xi, Ning (HK) Yang, Guang-Zhong (UK) Zhang, Haixia (Alice) (CN)

Zhou, Quan (FI)

### $Industrial \ Advisory \ Board:$

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

**Program Committee:** 

Over 120 professionals (see MARSS2023 website)

http://marss-conference.org info@marss-conference.org



# The 6<sup>th</sup> International Conference on Manipulation, Automation and Robotics at Small Scales

09-13 October 2023, Abu Dhabi, UAE

MARSS, the annual Int. Conference on Manipulation, Automation, and Robotics at Small Scales, is held on October 09-13, 2023, in Abu Dhabi, UAE. 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:** MARSS2023 offers 13-14 plenary talks and up to 36 technical sessions. The high-profile plenary talks (40 min) will be given by distinguished experts. All accepted papers (full and short) will be presented in the technical sessions (20 min, oral presentation). 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, MARSS2023 will present **Big-on-Small Award**, along with a commemorative plaque and a cash prize. This Award is intended to promote upcoming talents in MARSS-related fields of research with excellent performance and international visibility.

**Venue:** Abu Dhabi is the capital of the Emirate with the same name. The city of Abu Dhabi is an island located in the central-west region of the UAE. The gorgeous city offers a mix of ancient history, rich culture and heritage, stunning nature, beautiful beaches, high-end luxury, surprising wildlife, family-friendly adventure, world-class shopping centers, renowned golf courses, and a welcoming atmosphere.

## **Important Dates:**

Full paper submission (5-6 pages) July 10, 2023 Short paper submission (1-3 pages) July 10, 2023 Notification of full paper status 2 weeks after submission Notification of short paper status 2-3 days after submission Submission of final full papers August 10, 2023 Speaker registration for full papers August 10, 2023 Early Bird registration (discounted) August 10, 2023 Special session proposals July 10, 2023 (preliminary) August 10, 2023 (final)

#### **Organization:**

New York University Abu Dhabi, UAE
University of Oldenburg, Germany
IEEE Robotics & Automation Society (technical sponsor)
IEEE Nanotechnology Council (technical sponsor)









