

# International Federation for the Promotion of Mechanism and Machine Science

– Embracing the world –  
Second call for paper  
The 16th IFToMM World Congress



Keio Plaza Hotel, Tokyo, Japan November 5<sup>th</sup> ~ 10<sup>th</sup> 2023

## Scientific committee

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TAKEMURA, Kenjiro Keio University, Japan  
NAKAMURA, Yoshihiko The University of Tokyo, Japan

The organizing committee of the 16<sup>th</sup> World Congress of the International Federation for the Promotion of Mechanism and Machine Science is very pleased to welcome you in Tokyo. The IFToMM World Congress is held every 4 years and is the largest congress on mechanism and machine science. It provides an opportunity for researchers, scholars and students with interests in the theory and practice of mechanisms and machines for sharing new ideas, experiences, and discussing future developments.

## Submissions (New option, extended abstract, has been approved!)

Papers/Extended abstracts are welcome on the general areas of the theory and practice of machines and mechanisms, but not limited to the topics of the IFToMM Technical Committees and Permanent Commissions. Submissions of papers/extended abstracts in new areas of theory and practice of machine and mechanisms and particularly relating to IFToMM newly established cross-disciplinary groups (CDG) topics are encouraged. All papers/extended abstracts must be submitted electronically, they will be reviewed by at least two experts. Authors are requested to submit a full-length paper of 6 to 10 pages or an extended abstract of 2 pages. The format is available in the congress webpage. Conference proceedings will be published as an e-book by Springer which is indexed in Web of Science, Scopus and others. An extended abstract booklet will be published separately from the proceedings and distributed to conference participants. All authors of full papers and extended abstracts have equal opportunity in presentations, while extended abstracts will not be eligible for the best paper award of the IFToMM World Congress.

## Sustainability, inclusion and diversity

IFTToMM World Congress 2023 is an inclusivity and sustainability aware event and promotes the awareness developed by the IFToMM Cross Disciplinary Groups (CDG) on the coming issues of future challenge with the following four groups:

- CDG 1: Securing our Future Environment – Air, Water, Energy
- CDG 2: IFToMM Young Faculty Group
- CDG 3: IFToMM Women's Group
- CDG 4: IFToMM Graduate Student's Group

## Organizing committee

**Honorary Co-Chair:**  
NAKAMURA, Yoshihiko The University of Tokyo, Japan  
FUNABASHI, Hiroaki Tokyo Institute of Technology, Japan  
YOSHIMOTO, Kenichi The University of Tokyo, Japan  
**General Co-Chair:**  
IWATSUKI, Nobuyuki Tokyo Institute of Technology, Japan  
TAKEMURA, Kenjiro Keio University, Japan  
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HASHIMOTO, Kenji Waseda University, Japan  
ISHII, Hiroyuki Waseda University, Japan  
**Finance chair:**  
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MATSUMOTO, Akihiro Toyo University, Japan  
**Paper submission and review:**  
TAKEMURA, Kenjiro Keio University, Japan  
TAKANO, Wataru Osaka University, Japan  
YAMAMOTO, Ko The University of Tokyo, Japan  
KAWASAKI, Kazumasa Sanjo City University, Japan  
**Invited sessions:**  
TAKANISHI, Atsuo Waseda University, Japan  
SUZUMORI, Koichi Tokyo Institute of Technology, Japan  
KIGUCHI, Kazuo Kyushu University, Japan  
KOBAYASHI, Etsuko The University of Tokyo, Japan  
**Program:**  
OKADA, Masafumi Tokyo Institute of Technology Japan  
YONEDA, Kan Chiba Institute of Technology, Japan  
OISHI, Hisami Kogakuin University, Japan  
CORVES, Burkhard RWTH Aachen University, Germany  
CHEN, I-Ming Nanyang Technological University, Singapore  
ZIELINSKA, Teresa Warsaw University of Technology, Poland  
COSTA, Henara Universidade Federal do Rio Grande, Brazil  
KUO, Chin-Hsing University of Wollongong, Australia  
**Conference site:**  
SUGAHARA, Yusuke Tokyo Institute of Technology, Japan  
YASHIMA, Masato National Defense Academy, Japan  
MING, Aigou University of Electro-Communications, Japan  
ENDO, Mitsuru Tokyo Institute of Technology, Japan

KAMEZAKI, Mitsuhiro Waseda University, Japan  
YAMANAKA, Hitoshi National Institute of Technology, Numazu College, Japan  
KIMURA, Naoto Hyper-Environmental Robots Laboratory, Japan  
**Banquet:**  
HOUJOH, Haruo Tokyo Institute of Technology, Japan  
ONISHI, Kengo Tokyo Denki University, Japan  
TANAKA, Eiichiro Waseda University, Japan  
MATSUMURA, Shigeki Tokyo Institute of Technology, Japan  
IKEHARA, Tadaaki Shonan Institute of Technology, Japan  
**Award:**  
KOMORI, Masaharu Kyoto University, Japan  
KONNO, Atsushi Hokkaido University, Japan  
OIWA, Takaaki Shizuoka University, Japan  
NANGO, Jun Yamagata University, Japan  
**EC relation:**  
TAKEDA, Yukio Tokyo Institute of Technology, Japan  
SOLIS, Jorge Karlstads University, Sweden  
**Sponsors' exhibition:**  
YAMAMOTO, Akio The University of Tokyo, Japan  
MATSUHIRA, Nobuto Shibaura Institute of Technology, Japan  
MIYAGAWA, Toyomi Nippon Institute of Technology, Japan  
**Optional tours:**  
TAKANOBU, Hideaki Kogakuin University, Japan  
TERADA, Hidetsugu Yamanashi University, Japan  
UMEZU, Shinjiro Waseda University, Japan  
KIMURA, Hitoshi Tamagawa University, Japan  
**Tutorial:**  
KAI, Yoshihiro Tokai University, Japan  
HARADA, Takashi Kindai University, Japan  
FUJIWARA, Hiroyuki National Defense Academy, Japan  
MATSUMOTO, Hiroyuki Institute of Technologists, Japan  
**WEB site:**  
MATSUURA, Daisuke Tokyo Institute of Technology, Japan  
IKEDA, Ikuma National Institute of Technology, Ishikawa College, Japan  
MIURA, Satosh Tokyo Institute of Technology, Japan

## Important dates

- 29 Apr. 2023 (hard deadline)  
Initial submission deadline
- 18 Jul. 2023  
Acceptance notification
- 31 Jul. 2023  
Final version submission
- 5–10 Nov. 2023  
World Congress



<http://wc2023.ic-iftomm.org/>