

Call for Papers

The Sixth Edition of Focused Section on TMECH/AIM Emerging Topics

Submissions are called for the Sixth Edition of Focused Section (FS) on TMECH/AIM Emerging Topics. This Focused Section is intended to expedite the publication of novel and significant research results, technology, and/or conceptual breakthroughs of emerging research topics within the scopes of TMECH (www.ieee-asme-mechatronics.info), providing rapid access to the state-of-the-art of TMECH publications to the mechatronics community.

The submitted paper must not exceed 8 TMECH published manuscript pages, excluding authors identity (photos, biography, email ids, and affiliations), and will be subject to the peer review process by TMECH standard. All final accepted papers will be published in August Issue of TMECH in 2025, and will be presented in the 2025 IEEE/ASME International Conference on Advanced Intelligent Mechatronics (AIM 2025, <http://www.aim2025.org/>). The rejected papers from the submissions will be transferred to the Program Committee of AIM 2025 for further review and consideration as conference contributed papers.

The review process for submissions to this Focused Section will be conducted in up to two rounds with one Major/Minor Revision allowed, and the final decision falls into one of the following two categories:

1. Accept for publication in Focused Section. In this case, the paper will be accepted by AIM 2025 concurrently for presentation only, with full information of the paper included in the preprinted proceeding of AIM 2025. The final publication in TMECH, however, will be subject to the completion of presentation in AIM 2025 with full registration fee paid.
2. Reject for publication in Focused Section (after the first or second round). In this case, the paper, as well as all the review comments, will be forwarded to the Program Committee of AIM 2025 for further consideration. A final Accept/Reject decision will then be made by the Committee as a conference contributed paper for AIM 2025.

Manuscript preparation

Papers must contain original contributions and be prepared in accordance with the journal standards. Instructions for authors are available online on the TMECH website.

Manuscript submission

Manuscripts should be submitted to TMECH online at: <http://mc.manuscriptcentral.com/tmech-ieee>, selecting the track “TMECH/AIM Emerging Topics.” The cover letter should include the following statement: This paper is submitted to the Sixth Edition of Focused Section on TMECH/AIM Emerging Topics. The full information of the paper should be uploaded concurrently to AIM 2025 online at: <http://ras.papercept.net/conferences/scripts/start.pl>, noted with the given TMECH manuscript number in the designated area.

Submission/Review/Decision Timeline:

Opening Date of TMECH/AIM FS Submission Site (first submission):	November 1, 2024
Closing Date of TMECH/AIM FS Submission Site (first submission):	January 19, 2025
Full Information of TMECH/AIM FS Paper Submitted to AIM Site:	January 19, 2025
First Decision for TMECH/AIM FS Submission:	March 1, 2025
Revised TMECH/AIM FS Submission Due by:	March 31, 2025
Final Decision for TMECH/AIM FS Submissions:	May 1, 2025
Final Version of TMECH/AIM FS Submission Due by:	May 10, 2025
Publication of Focused Section in TMECH:	August 2025

Contacts: For any questions related to this Call for Paper, please contact:

Zongxuan Sun, zsun@umn.edu, Senior Editor of TMECH,
Jian Chen, chenj8@sustech.edu.cn, Program Co-Chair of AIM 2025.