

Call for Papers

The 2027 Focused Section on TMECH/AIM Emerging Topics

Submissions are called for the 2027 Focused Section (FS) on IEEE/ASME Transactions on Mechatronics (TMECH)/International Conference on Advanced Intelligent Mechatronics (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 (<http://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 addresses, 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 2027 and will be presented in the 2027 IEEE/ASME International Conference on Advanced Intelligent Mechatronics (AIM 2027) that will be held in Calgary, Canada on June 29 to July 2, 2027 (<http://www.aim2027.com>) The rejected papers from the submissions to the Focused Section will be transferred to the Program Committee of AIM 2027 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 cases:

- 1) Accepted for publication in Focused Section:** paper will be accepted by AIM 2027 concurrently for presentation only, with full information of the paper included in the preprinted proceeding of AIM 2027. The final publication in TMECH, however, will be subject to the completion of presentation in AIM 2027 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 2027 for further consideration. A final Accept/Reject decision will then be made by the Committee as a conference contributed paper for AIM 2027.

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: <https://ieee.atyponrex.com/submission/dashboard?siteName=tmech-ieee>, selecting the track "TMECH/AIM Emerging Topics." The cover letter should include the following statement: This paper is submitted to the Seventh Edition of Focused Section on TMECH/AIM Emerging Topics. The full information of the paper should be uploaded concurrently to AIM 2027 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 (initial submission):	October 1, 2026
Closing Date of TMECH/AIM FS Submission Site (initial submission) and full Information of TMECH/AIM FS Paper Submitted to AIM Site:	December 23, 2026
First Decision for TMECH/AIM FS Submission:	February 22, 2027
Revised TMECH/AIM FS Submission:	March 20, 2027
Final Decision for TMECH/AIM FS Submissions:	April 23, 2027
Final Version of TMECH/AIM FS Submission:	May 3, 2027
Presentation in AIM 2027 conference:	June 29-July 1, 2027
Publication of Focused Section in TMECH:	August 2027

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

Jingang Yi, jgyi@rutgers.edu, Senior Editor of TMECH

Juan Ren, juanren@iastate.edu, Program Chair of AIM 2027