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## Call for papers for the 2021 IEEE/ASME International Conference on Advanced Intelligent Mechatronics (AIM 2021)

The 2021 IEEE/ASME International Conference on Advanced Intelligent Mechatronics (AIM 2021) will be held on July 12-16, 2021 in Delft, with an additional virtual option. The motto will be “sustainable mechatronics”.

As a flagship conference focusing on mechatronics and intelligent systems, the AIM 2021 will bring together an international community of experts to discuss the state of the art, new research results, perspectives of future developments, and innovative applications relevant to mechatronics, robotics, automation, industrial electronics, and related areas, not limited to the conference motto. The sponsors and organizers of AIM 2021 invite submissions of high-quality mechatronics research papers describing original work, including but not limited to the following **topics**: Actuators, Automotive Systems, Bioengineering, Control, Data Storage Systems, Energy Harvesting, Energy-Saving Technology, Electronic Packaging, Fault Diagnosis, Human-Machine Interfaces, Industry Applications, Information Technology, Intelligent Systems, Machine Vision, Manufacturing, Micro-Electro-Mechanical Systems, Micro/Nano Technology, Modeling and Design, System Identification and Adaptive Control, Motion Control, Vibration and Noise Control, Opto-Electronic Systems, Optomechatronics, Prototyping, Real-Time and Hardware-in-the-Loop Simulation, Robotics, Sensors, Smart Materials and Structures, Sustainability in Mechatronics, System Integration, Transportation Systems, and frontier fields.



Detailed information about paper submission will be published on <http://aim2021.org>. All topics are welcome within the scopes of TMEch: [www.ieee-asme-mechatronics.org](http://www.ieee-asme-mechatronics.org) and AIM 2021. Authors are invited to submit one of the following:

**TMECH/AIM Focused Section Papers:** Submissions to the Second Edition of the Focused Section on TMECH/AIM Emerging Topics (renamed from previously TMECH/AIM Concurrent Submission) are done through the TMECH site <https://mc.manuscriptcentral.com/tmech-ieee>. Accepted TMECH/AIM Focused Section papers will be presented at AIM 2021 and published in the Second Edition of TMECH/AIM Focused Section in the August Issue of TMECH in 2021. The publication in the dedicated Issue of TMECH, however, will be subject to the presentation of the paper at AIM 2021 with paid registration fee. Papers rejected for publication in TMECH will still be considered by the Program Committee of AIM 2021, which makes a final acceptance/rejection decision for AIM 2021. For more details about submission/review procedures and timelines, please refer to the Call for Papers for TMECH/AIM Focused Section: <http://www.ieee-asme-mechatronics.info/focus-sections/>

**AIM Contributed and Invited Papers:** All papers go through a rigorous review process. Accepted papers will be presented by their authors at the conference. All accepted peer-reviewed manuscripts will be published in the conference proceedings, and will be submitted for inclusion in IEEEExplore, subject to formatting and copyright requirements.

**Tutorials & Workshops:** Proposals are invited for half-day or full-day tutorials and workshops. Workshops explore the frontiers of recent or emerging topics in mechatronics, while tutorials provide a foundation for future self-study in important areas of mechatronics. Tutorial and workshop proposals must include: (1) a statement of objectives, (2) a description of the intended audience, (3) a list of speakers with an outline of their planned presentations. Unless specifically requested, individual tutorial and workshop presentations are not peer-reviewed and do not appear in the proceedings.

**Invited & Special Sessions:** Proposals are invited for invited and special sessions. Invited sessions consist of 4 to 6 thematically related invited papers. Invited session proposals consist of a brief statement of purpose and extended abstracts of the included invited papers. Invited papers are submitted and reviewed following the same process as contributed papers, and are included in the proceedings.

All contributed and invited papers, tutorial and workshop proposals, and invited and special session proposals for AIM2021 must be uploaded through <http://ras.papercept.net> according to the deadlines below.

Contact: [aim2021@aim2021.org](mailto:aim2021@aim2021.org)

Conference Website: <https://aim2021.org>



Submission for TMECH/AIM Emerging Topics Focused Section:	Open: 1 Nov 20 Close: 5 Dec 20
Submission of Special & Invited Session Proposals:	15 Jan 21
Submission of Tutorial & Workshop Proposals:	15 Jan 21
<b>Submission of AIM Contributed &amp; Invited Papers:</b>	<b>1 Feb 21</b>
Notification of AIM Paper Acceptance:	1 May 21
Final Paper Submission AIM 2021:	15 May 21