

U.S. National Committee for Theoretical and Applied Mechanics (USNC/TAM)

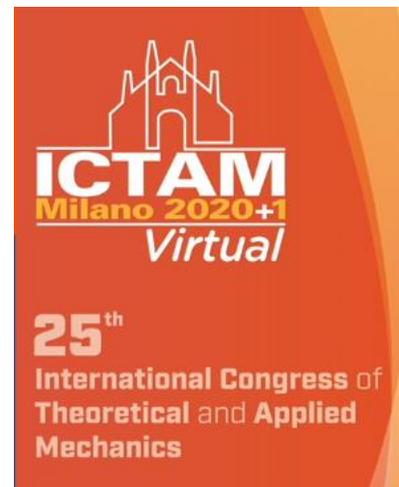


Call for Applications **Thomas J. R. Hughes Fellowship from the USNC/TAM**

Dear Colleague,

If you have an accepted abstract for the 25th International Congress of Theoretical and Applied Mechanics (ICTAM 2020+1), we want to make you aware of a prestigious fellowship opportunity available for leading early career researchers.

The **Thomas J. R. Hughes Fellowships from the USNC/TAM** will provide support for doctoral and/or post-doctoral students enrolled at universities in the United States to attend the virtual International Congress of Theoretical and Applied Mechanics (ICTAM) 2020+1. The intent of such fellowships is to attract and recruit qualified individuals into the field of mechanical science and engineering and to broaden participation from underrepresented groups. A total of five fellowships will be awarded, consisting of a \$1,000 award to cover registration fees and provide a small honorarium. In addition to receiving the fellowship, the Thomas J. R. Hughes Fellows will participate in a unique virtual mentoring event with senior mechanics and other early career attended in advance of the Congress, and will have the opportunity for subsequent professional development activities and engagement with the USNC/TAM.



Applicants to this fellowship program must be active in mechanics and have a strong interest in international collaborations. Applicants must be studying at or working for a U.S. institution in academia, industry or government. If you are eligible and wish to apply, please do so by 5pm Pacific Daylight Time on June 7, 2021, by completing the application process at:

https://uwmadison.co1.qualtrics.com/jfe/form/SV_6zfyNBtVrbVQJ6e.

In addition to details about your ICTAM submission (Submission ID, title, authors, abstract), you will be asked to upload a short Current CV (2 pages maximum) and a letter of nomination from a senior mechanic recommending you for the Fellowship. The letter should comment on the content of your

ICTAM abstract, the quality of your research and your potential for future achievement in the field of mechanics. Nomination letters may also be emailed directly to Ana Ferreras, AFerreras@nas.edu, if that is the nominator's preference. Fellows will be selected by a subcommittee of the USNC/TAM, who will consider for each applicant: academic record, impact of the work to be reported at ICTAM, and potential for future excellence in mechanics as indicated by the nomination letter.

Questions concerning application eligibility should be directed to Ana Ferreras, AFerreras@nas.edu.

Sincerely,

US National Committee on Theoretical and Applied Mechanics

Beverly McKeon
USNC/TAM Chair
Theodore von Karman Professor
California Institute of Technology
chair@usnctam.org

U.S. National Committee for Theoretical and Applied Mechanics (USNC/TAM)



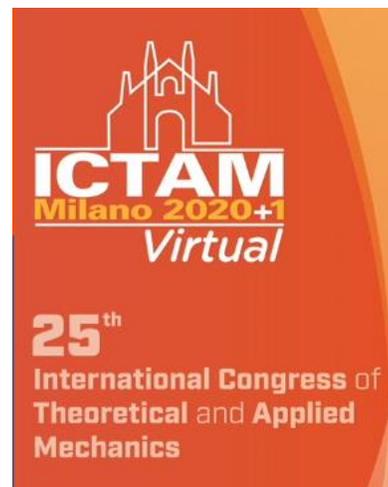
Call for Applications **NSF and USNC/TAM** **Early Career Presenter and Attendee Fellowships**

Dear Colleague,

The U.S. National Committee for Theoretical and Applied Mechanics (USNC/TAM) with support from the National Science Foundation will be providing two opportunities for early career researchers (graduate students, postdocs, and junior researchers) currently at United States institutions to participate in the virtual International Congress on Theoretical and Applied Mechanics, ICTAM 2020+1: one for researchers who have already have an accepted abstract and will give the associated presentation, and one for researchers who will not be presenting but would benefit from the experience of participating in this unique online and international event. The intent of such fellowships is to attract and recruit qualified individuals into the field of mechanical science and engineering and to broaden participation from underrepresented groups. A supplemental request for child care support will also be considered.

Early Career Presenter Fellowships will provide registration costs for students, postdoctoral researchers, assistant professors and other junior professionals who will be presenting their research at ICTAM 2020+1.

Early Career Attendee Fellowships will provide registration costs for students, postdoctoral researchers, assistant professors and other junior professionals who are **not** presenting their research at ICTAM 2020+1, but whose professional development would benefit from attending the virtual conference and experiencing this international gathering of mechanicians. We are particularly interested in funding researchers who have not had exposure to ICTAM or the USNC/TAM, with a view to broadening participation in the national and international mechanics arena.



In addition to being reimbursed for registration costs, the fellows will participate in a unique virtual mentoring event with senior mechanicians in advance of the Congress. This will enable mentees to interact with each other and mentors

through the Congress, and will have the opportunity for subsequent professional development activities and engagement with the USNC/TAM.

Applicants to this fellowship program must be active in mechanics and have a strong interest in international collaborations. Applicants must be studying at or working for a U.S. institution in academia, industry or government.

Funding for both categories of Fellowships is anticipated to be provided by the USNC/TAM at the National Academy of Sciences, Engineering, and Medicine and a National Science Foundation grant.

If you are eligible and wish to apply, please do so by June 7, 2021, and complete the application process at:

https://uwmadison.co1.qualtrics.com/jfe/form/SV_3DZkKVcbrKaqYEm (Presenter Fellowships)

or

https://uwmadison.co1.qualtrics.com/jfe/form/SV_78kQq0nrX80JM1M (Attendee Fellowships)

You will be asked to provide a short Current CV (2 pages maximum), and a paragraph describing where you are in your career trajectory and why you want to attend ICTAM 2020+1. Additionally, graduate students and postdocs will be asked to upload a PDF letter of recommendation from the advisor (the letter should confirm your status as a student/postdoc). Junior professionals will be asked to upload a PDF letter from the supervisor or department head (the letter should confirm early career status. For the Presenter Fellowships, you will also need to submit details about your ICTAM submission (Submission ID, title, authors, abstract). The letter from the advisor supporting Presenter Fellowship applications should also comment on the content value of the abstract and the quality of the research.

Questions concerning application eligibility should be directed to Ana Ferreras, AFerreras@nas.edu.

Sincerely,

US National Committee on Theoretical and Applied Mechanics

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Theodore von Karman Professor
California Institute of Technology
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