

Call for Papers

The 2022 USCToMM Symposium on Mechanical Systems and Robotics (2022 USCToMM MSR Symposium) will be held Thursday through Saturday, May 19-21, 2022, at the South Dakota School of Mines & Technology. The 2022 USCToMM Annual General Meeting will be held during the Symposium. Financial support is available through the USCToMM Young Delegates Awards to assist students wishing to present their work at the symposium (for more information, see the symposium's website).

The symposium is designed to foster meaningful interactions and collaborations: single track, peer-reviewed papers; 20-minute presentations plus 10 minutes for Q & A allowing for substantial discussions; and a social program that fosters networking and collaborations among attendees including a Friday evening conference dinner at Mount Rushmore National Memorial in the beautiful Black Hills of South Dakota.



Paper Topics

The USCToMM MSR Symposium welcomes submissions that address: Specialized Robotic Systems; Soft, Wearable & Origami Robotic Systems; Applications to Walking, Flying, Climbing, Ground, Underground, Swimming, & Space Systems; Human Rehabilitation & Performance Augmentation; Design and Analysis of Mechanisms & Machines; Human-Robot Collaborative Systems; Service Robotics; Mechanical Systems & Robotics Education; Commercialization of Mechanical Systems & Robotics; and related topics. Accepted papers will be indexed in Scopus, Ei Compendex, and Web of Science.

Author Guidelines

Full papers should be submitted as an unsecured PDF file formatted according to the USCToMM LaTeX class or MS Word template (available at <https://sites.google.com/view/usctomm/symposia>). Full papers should not exceed 10 pages. All communications with the corresponding authors of each paper will be conducted by email. Each corresponding author submitting a full paper will be requested to produce at least two reviews per paper submitted, and at least one author is expected to register, attend, and present the paper at the symposium.

Host Organizations

- South Dakota School of Mines & Technology
- USCToMM: U.S. Committee for the Theory of Machines and Mechanisms
- IFToMM: International Federation for the Promotion of Mechanism and Machine Science

Symposium Co-Chairs

- Pierre Laroche, South Dakota School of Mines & Technology
- J. Michael McCarthy, University of California, Irvine

Important Dates

December 15, 2021	Submission of full papers
January 15, 2022	Submission of reviews
January 22, 2022	Notice of decision
February 21, 2022	Submission of final papers
April 15, 2022	Early registration deadline

Scientific Committee

- Sunil Agrawal, Columbia University
- David Cappelleri, Purdue University
- Mary Frecker, Penn State University
- Bill Goodwine, Notre Dame University
- Larry Howell, Brigham Young University
- Andrew Murray, University of Dayton
- Carl Nelson, University of Nebraska, Lincoln
- Alba Pérez Gracia, Idaho State University
- Madhu Raghavan, General Motors
- Bahram Ravani, University of California, Davis
- Nina Robson, California State University Fullerton
- Bernie Roth, Stanford University
- Vladimir Vantsevich, University of Alabama at Birmingham

Venue

The symposium will be held in the Larry & Linda Pearson Alumni and Conference Center on the campus of the South Dakota School of Mines & Technology in Rapid City, South Dakota. 501 East St. Joseph Street, Rapid City, SD 57701, USA.

