



CALL FOR PAPERS

12th International Conference on Micro- and Nanosystems (MNS)

To be held in conjunction with the
ASME 2018 International Design Engineering
Technical Conferences
Quebec City, Canada

August 26-29, 2018

Conference Organizers

Conference Chair:

Prof. Longqiu Li

Harbin Institute of Technology, Harbin, China

Email: longqiuli@hit.edu.cn

Program Co-Chair:

Prof. Mohammad Younis

*King Abdullah University of Science and
Technology, Saudi Arabia*

Email: Mohammad.Younis@kaust.edu.sa

Program Co-Chair:

Prof. Yong Shi

Stevens Institute of Technology

Email: yshi2@stevens.edu

Conference Description

This conference, sponsored by the Technical Committee on Micro- and Nanosystems (MNS), an integral part of the ASME Design Engineering Division, will provide researchers in industry, academia, and government a forum to exchange scientific and technical information related to recent developments and emerging issues in the design, mechanics, dynamics, control, and manufacturing of micro- and nanoscale systems. Manuscripts are solicited from experimental, computational, and theoretical studies. Submissions from researchers both within and outside of the traditional mechanical engineering community are strongly encouraged. Scheduled symposia in 2018 include:

- MNS-1 Keynote Lecture
- MNS-2 Dynamics of MEMS and NEMS
- MNS-3 Bio MEMS/NEMS
- MNS-4 Micro/Nano Robotics and Manufacturing
- MNS-5 Functional Materials and Surface Engineering
- MNS-6 MEMS Sensors and Actuators
- MNS-7 MEMS/NEMS Neural and Digital Computing
- MNS-8 Nonlinear Mechanics, Dynamics and Control in Atomic Force Microscopy

Abstracts and Papers Submission

All submissions are due by **March 12, 2018**. The full-length papers will be reviewed and accepted manuscripts will be published in the conference proceedings. We also accept presentation-only abstracts (2-page) that are not published in the proceedings. This has been particularly attractive to those who wanted to present early results of their research. All full-length papers will automatically be considered for the Best Paper Award competitions.

Important Dates

March 12, 2018 submission of abstract and full-length paper for review

May 7, 2018 Submission of Revised Paper (if required)

June 8, 2018, Submission of Copyright Form

June 11, 2018 Submission of Final Paper

June 11, 2018 Author Pre-Registration

The full publication schedule is available at:

<https://www.asme.org/events/idetccie>

The solicited paper types are described on:

<http://www.asmeconferences.org/IDETC2018/CallForPapersDetail.cfm>