



Northwestern University

WCMNM 2023

World Congress on Micro and Nano Manufacturing

Key Dates

April 15, 2023

Full Paper Submission

April 15, 2023

Registration Opens

June 1, 2023

Full Paper Acceptance

June 15, 2023

Final Paper Submission

June 15, 2023

Early Registration Ends

**September 19-21, 2023, Evanston, IL,
Hilton Orrington 1710 Orrington Ave, Evanston, IL**

Website: <https://wcmnm2023.northwestern.edu/>

Topics of Interest:

- Micro fabrication technologies, process chains and process characterization
- Miniaturization of machines and equipment; positioning, motion generation, sensors systems, and control
- Novel product designs, micro-assembly technologies and micro-handling
- Surface engineering and interface nanotechnology
- Process modelling and simulation
- Processing and characterization of smart materials, energy materials, metamaterials and nanomaterials
- Micro and nano additive, subtractive, joining, and hybrid manufacturing technologies
- Micro and desktop factory concepts, systems, components and modules
- On-line monitoring and inspection systems, and smart manufacturing
- Standardization in micro manufacturing and micro factories
- Applications of micro and nano technologies
- Emerging micro manufacturing methods and equipment, including those that bridge the nano- and macro- worlds
- Biomanufacturing and biomedical devices

Committee

Congress Chair

Ping Guo
Northwestern University, USA

Congress Co-Chairs

Jian Cao
Northwestern University, USA
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National Chung Hsing University, Taiwan
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Northwestern University, USA

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IIT Bombay, India
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University of Birmingham, UK
Tohru Sasaki
University of Toyama, Japan

We invite you to submit 4-page papers using the template provided on the conference website. Link for submission:

<https://conf.papercept.net/conferences/scripts/start.pl>

All final papers will be included in the WCMNM 2023 Proceedings in electronic format (copyrights remain with the authors).

In addition, selected papers will be invited for publication in the Special Issues of *ASME Journal of Micro and Nano-Manufacturing* or *Micromachines*.

Contact

Ms. Maegen Gregory

wcmnm2023@northwestern.edu

