

Call for Papers

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Jointly Organized by the International Institution for Micro Manufacturing (I2M2),
4M Association, and the International Forum on Micro Manufacturing (IFMM)

Congress Chair: Gracious Ngaile, North Carolina State University, USA

Congress Co-Chairs: Paul Cohen, North Carolina State University, USA
Sathyan Subbiah, IIT Madras, INDIA
Stefan Dimov, University of Birmingham, UK
Kuniak Dohda, Northwestern University, USA

Scientific Committee Chairs: Lawrence Kulinsky, University of California, Irvine, USA
Steffen G. Scholz, Karlsruhe Institute of Technology, GERMANY
Tohru Sasaki, University of Toyama, JAPAN



Congress date: 10th -12th September 2019

Congress venue: The Sheraton Raleigh Hotel, Raleigh, NC, USA

Topics of Interest (but not limited to):

- ❖ 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, multifunctional materials, and nanomaterials
- ❖ Micro and nano additive manufacturing technologies
- ❖ Micro and desktop factory concepts, systems, components and modules
- ❖ On-line monitoring and inspection systems/methods
- ❖ Standardization in micro manufacturing and micro factories
- ❖ Applications of micro and nano technologies: microreactor technologies, microsensors and actuators
- ❖ Emerging micro manufacturing methods and equipment, including those that bridge the nano- and macro- worlds

Submission of Full Paper (4 pages)

- ❖ Submission site is now **OPEN: Deadline, April 15, 2019**
- ❖ Submission site: <https://conf.papercept.net/conferences/scripts/start.pl>
- ❖ Congress site: <https://events.reporter.ncsu.edu/wcmnm/>

Paper review:

To ensure a high-quality Congress all papers will be reviewed by the congress' Scientific Committee under the leadership of the Scientific Chairs: Lawrence Kulinsky, University of California, Irvine, (USA), Steffen G. Scholz, Karlsruhe Institute of Technology (GERMANY) and Tohru Sasaki, University of Toyama (JAPAN).

Scientific committee:

Aizawa, Tatsuhiko	Geng, Yanquan	Modica ,Francesco	Subbiah, Sathyan
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Cohen , Paul	Lee, Antony H.C.	Pfleging, Wilhelm	Xu, Zongwei
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Dimov, Stefan	Lucchetta, Giovanni	Quintana, Iban	Zimmermann, André
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Fu, Ming-Wang	Matsumura,Takashi	Romero, Pablo	

Proceedings:

All final papers accepted for presentation will be included in the WCMNM 2019 Electronic Proceedings with ISBN Identification Number. Selected papers will be considered for publication in Special Issues of ASME Journal of Micro and Nano Manufacturing and Micromachines.

Co-organized by I2M2, 4M, IFMM, and NC State University

