



CALL FOR PAPERS

Track 10—Heat Transfer and Thermal Engineering

ASME 2015 International Mechanical Engineering Congress and Exposition
 Houston, Texas
 November 13-19, 2015

Topic 10-14—Nano- and Micro-Scale Heat Transfer in Manufacturing

	PURPOSE AND SCOPE OF TOPIC	
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This topic will present experimental, numerical, and theoretical work related to nano- and micro-scale thermal transport phenomena in manufacturing. Contributions are sought from industry, government labs, and academia in areas including, but not limited to:

- Joining, soldering and welding of nanoparticles, nanowires, graphenes and nanofibers, etc.
- Heat transfer in nanoplasmonic and nanophotonic manufacturing
- Heat transfer in laser materials processing
- Machine cutting, milling, micro-electrical discharge machining
- Micro and nanoscale imprinting, casting, embossing
- Micro and nanoscale heat transfer in material synthesis

Prospective authors should submit a 400-650 word abstract via the Congress 2015 website at <http://www.asmeconferences.org/IMECE2015>.

Please choose Track 10, and then Topic 10-14 for the submission.
 See conference website for detailed publication schedule.

TOPIC ORGANIZERS	
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