



ASME IMECE 2018

International Mechanical Engineering
Congress & Exposition

CONFERENCE
November 9 – 15

EXHIBITION
November 11 – 14

TECHNICAL CONFERENCE
November 11 – 15

David L. Lawrence
Conference Center
Pittsburgh, PA, USA

CALL FOR ABSTRACTS – IMECE 2018

High-quality presentations and papers are invited to participate in the Advanced Manufacturing Track (Track 2)

ADVANCED MANUFACTURING

- 2-1 Advanced Manufacturing Plenary
- 2-2 Congress-Wide Symposium on Additive Manufacturing
- 2-3 Congress-Wide Symposium on Nondestructive Evaluation & Structural Health Monitoring
- 2-4 Nanomanufacturing
- 2-5 Manufacturing of Atomically-Thin, Two-Dimensional Materials
- 2-6 Advanced Machining and Finishing
- 2-7 Third Symposium on Fastening and Joining Technologies
- 2-8 Advanced Metal Forming
- 2-9 Innovative Product Design
- 2-10 Sensing, Measurement, and Process Control
- 2-11 Computational Modeling and Simulation for Advanced Manufacturing
- 2-12 Variation Simulation and Design for Assembly
- 2-13 Robotics and Automation in Advanced Manufacturing
- 2-14 Laser-Based Advanced Manufacturing and Materials Processing
- 2-15 Digital Manufacturing Simulation and Validation

Conference Website: www.asme.org/events/imece/

Abstract Deadline: **February 26**; Notification of Acceptance: **March 19**

Potential authors are encouraged to submit a 400~650 word abstract to the appropriate topic. Authors can register for **technical paper publication** (no more than 10 pages) or **technical presentation only**. Technical paper drafts must be submitted by **April 30**.

Advanced Manufacturing Topics have been co-sponsored by multiple ASME Divisions, including: Manufacturing Engineering (MED), Applied Mechanics (AMD), Design Engineering (DED), DC, Materials (MD), and NPDP

Track Organizers: Junghoon Yeom (Michigan State University), Ruth Jill Urbanic (University of Windsor), William Emblom (University of Louisiana at Lafayette), Marriner Merrill (Naval Research Lab)

Topic Organizers: Sungwoo Nam (Univ. of Illinois at Urbana-Champaign), Chi Hwan Lee (Purdue Univ.), Pilgyu Kang (George Mason Univ.), Muhammad Jahan (Miami Univ.), Sathish Kannan (American Univ. of Sharjah), Yang Guo (Michigan State Univ.), Dinakar Sagapuram (Texas A&M Univ.), Thomas Whitney (Univ. of Dayton), Zhijun Wu (Oakland Univ.), Sayed Nassar (Oakland Univ.), Stephanie Wimmer (Naval Research Laboratory), Ashfaq Adnan (UT Arlington), Mehran Tehrani (Univ. of New Mexico), Nima Shamsaei (Auburn Univ.), Scott M. Thompson (Auburn Univ.), David A. Guerra-Zubiaga (Kennesaw State Univ.), Kai He (Shenzhen Institutes of Advanced Technology), Germanico Gonzalez-Badillo (Universidad Autónoma de San Luis Potosí), Ricardo Jardim-Goncalves (Universidade Nova De Lisboa), Daniel Romero (Tecnológico de Monterrey Univ., Mexico), Joao Silva (Universidade do Minho), Chang Ye (Univ. of Akron), Xin Zhao (Clemson Univ.), Dong Lin (Kansas State Univ.), Yeqing Wang (Univ. of Florida), Chetan Nihhare (Penn State Behrend), Scott Wagner (Michigan Technological Univ.), William Emblom (Univ. of Louisiana-Lafayette), Chih-Hao Chang (North Carolina State Univ.), Dimitry Papkov (Univ. of Nebraska-Lincoln), Matthew Maschmann (Univ. of Missouri), Daniel J. Cox (Georgia Southern Univ.), Shaw Feng (National Institute of Standards and Technology), Chiyen Kim (Univ. of Texas at El Paso), Eric MacDonald (Youngstown State Univ.), Jae-Won Choi (Univ. of Akron), Kristina Warmefjord (Chalmers Univ. of Technology), Hua Wang (Shanghai Jiao Tong Univ.), Sourav Banerjee (University of South Carolina)