

Call for Papers – ASEE Manufacturing Division

ASEE Annual Conference & Exposition, New Orleans, Louisiana, June 26 – 29, 2016

The Manufacturing Division of the American Society for Engineering Education invites abstract submissions for the 2016 ASEE Annual Conference. Papers and presentations related to manufacturing education, practice and assessment in all areas of manufacturing, with particular attention to new and emerging topics of manufacturing education will be considered. Submissions must include content related to educational issues. Suggested topics include, but are not limited to:

- Advances in additive and hybrid manufacturing
- Four-pillars of manufacturing engineering
- Implementation of new technology into manufacturing education, such as nano/micro-manufacturing, biomedical manufacturing, automation and robotics, additive manufacturing, energy manufacturing, and digital manufacturing
- Integration of current issues into manufacturing education, such as globalization, lean/green manufacturing, alternative energy resources, supply chain
- Materials, product/process design, and sustainable product design
- Design and development of innovative learning materials and teaching strategies for manufacturing education
- Manufacturing sustainability, energy efficiency, and emerging potentials
- Implementation of instructional technology such as simulation tools, virtual, remote labs and distance learning
- Integration of research and development into manufacturing programs
- Industry-based projects and capstone experiences
- P16 STEM projects and integration of manufacturing engineering into K-12 curricula
- Entrepreneurship and engineering innovation
- Government policy and manufacturing education
- ABET and ATMAE Accreditation related topics
- Successful stories and best practices in Manufacturing Innovation

The ASEE Manufacturing Division is a publish-to-present division which selects an overall best division presentation and overall best division paper. A certificate or plaque will be provided to awardees. Specific information about deadlines and guidelines will be available at <http://www.asee.org/conferences-and-events/conferences>.

Questions may be directed to the 2015-2016 ASEE Manufacturing Division Program Chair:

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