The ASEE Manufacturing Division invites abstract submissions as well as session proposals (mini-plenary sessions, panel sessions including multiple paper presentations with a common theme, interactive work-shops) for the 2013 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 and are due on TBD, 2011. Suggested topics include, but are not limited to:

Product Design
The four pillars of manufacturing engineering
The revision of manufacturing education
Biomedical Manufacturing
Manufacturing Nano-materials
Micro/nano scale manufacturing systems
Sustainable Manufacturing
Sustainable Product Development
Sustainable Product development using Bio-mimicry
Integration of manufacturing engineering into K-12 education.
Remote Laboratories
Distance Learning Practices
Institutional Collaboration
P16 Stem Projects
Government Policy and Manufacturing Education
Digital Manufacturing
K-12 Connections
Product Realization as a Platform for the Manufacturing Engineering Capstone Experience.
Green Manufacturing for Undergraduate Students.
Discussions of specific projects in manufacturing process engineering for recycling post-consumer materials or for production of alternate energy products for private residences.
Entrepreneurship and engineering innovation;
Industry-based projects and capstone experiences;
Service learning in manufacturing education
Integration of research into manufacturing curriculum;
The Manufacturing Division is a publish-to-present division which selects an overall best division presentation and overall best division paper.
Questions may be directed to the 2012-2013 Manufacturing Division Program Chair:
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For additional information including deadlines and guidelines, please refer to:
http://www.asee.org/conferences-and-events/conferences/annual-conference/2013/program-schedule/call-for-papers