

Journal of Mechanical Design

Special Issue: Design Theory and Methodology (DTM)

The ASME Design Theory and Methodology (DTM) conference promotes research, dissemination of knowledge, and debate in topics including scientific theories of design, creativity and innovation in design, formal design methods, product modeling, design pedagogy, and design management. The 2015 DTM Conference contained many very high quality papers where the work presented seemed appropriate for consideration in the ASME Journal of Mechanical Design (JMD). However, participation in the DTM conference is not required for this special issue. Authors of scholarly and journal quality papers describing rigorous research in all areas of DTM are invited to submit their paper to this special issue. We welcome submissions on inter-disciplinary perspectives that extend the understanding of design theory and methodologies. Examples of topics of interest include (but are not limited to):

- Creativity Ideation, Analogy, and Biologically-Inspired Design
- Design of Complex Systems and Product Architecture
- Design Computing
- Human Behavior in Design
- Managing Design Processes
- Trends and Technologies Impacting the Design Process
- User Preferences

Note that all submissions will go through a rigorous review process for JMD, which is separate from that for the DTM conference.

Submission Instructions

Please submit your paper to ASME at <http://journaltool.asme.org/Content/index.cfm> and note on the cover page that your paper is intended for the special issue on “Design Theory and Methodology.” Please also email the Editor, Dr. Shapour Azarm at editor@asmejmd.org to alert him that your paper is intended for the special issue. Information about the JMD can be found at <http://www.asmejmd.org/>. Please note that a limit of 12 journal pages without ASME page fees will be observed for full Research Papers.

Publication Target Dates

Authors submit papers by: January 15, 2016

Initial review completed by: March 1, 2016

Publication of special issue by: October 2016

Papers received after January 15, 2016 may still be considered for the special issue if time and space permit. In certain circumstances, papers that are not ready for production in time or are not accepted for inclusion in the special issue may be considered for a regular issue of the journal.

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