

ASME INTERNAL COMBUSTION ENGINE DIVISION

GENERAL GUIDELINES FOR ENGINEERING APPLICATIONS ARTICLES, SCHOLARLY RESEARCH ARTICLES, AND RECOMMENDATIONS FOR JOURNAL

Approved by ASME Internal Combustion Engine Division's Executive Committee on January 19, 2013, Chicago, Illinois.

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Vice-Chair, Technical Program

The following guidelines are written to assist authors, reviewers, session organizers, technical track chairs, and the technical program chairs assess the technical rigor of articles submitted to the ASME Internal Combustion Engine Division's technical conferences. The guidelines are purposefully written in general terms so some interpretation is expected.

It is the authors' responsibility to identify the paper type (Engineering Applications article or Scholarly Research article) at the time of submission. Reviewers of articles are expected to review the papers appropriately for their indicated type. Session organizers are responsible for ensuring the reviewers are familiar with these guidelines, so that appropriate review can take place.

The guidelines are thus:

All Paper Types

All papers must be clearly written, organized, technically sound, and strictly free of commercialization. Metric units of measurement and scientific reporting should be used throughout.

Engineering Applications Articles

The general theme of engineering applications articles are one or some combination of the following:

1. Centers on describing the how of a new technology or improvement to an existing technology.
2. Describes a basic engineering study where the results and conclusions are likely already known or well-predicted based on previous common-body knowledge (i.e., no new technical information is necessarily gained from the study).
3. Describe a characterization study of a technology / engineering activity using existing experimental / computational tools / approaches.

Discussion and indication of data uncertainty are recommended, but not required.

Scholarly Research Articles

The general theme of scholarly research articles is one which provides high-level details of original research centered on hypothesis-based reasoning and methodical approach to discovering new scientific and / or technical knowledge. Such articles may involve technology,

approach, or computational / experimental technique development, but the general theme should be rooted in providing substantively new technical insight and knowledge.

Discussion and indication of data uncertainty are strongly recommended, but not required.

Journal Designation

Conference articles may be recommended for journal consideration (ASME *Journal of Engineering for Gas Turbines and Power* and ASME *Journal of Energy Resources Technology*) if they:

1. embody clear demonstration of long-term impact / archival quality, and
2. include discussion and indications of data uncertainty.

Recommendations for journals are made by reviewers and / or session organizers. Editors of respective journals have final authority to make decision on paper's inclusion regardless of recommendation.