Purpose

The purposes of this award shall be:

• To recognize authors of manuscripts for excellence in scientific and technical written communications. The award is for papers presented and submitted for publication from the annual Additive Manufacturing with Powder Metallurgy conference organized by the Metal Powder Industries Federation and APMI International;

• To enhance the quality of technology transfer in the PM literature by increasing the professional level of papers submitted for the conference;

• To enhance and promote the science and technology which is fundamental to additively manufactured powder metallurgy products, processes and materials.

Eligibility

Open to authors of papers of original and unpublished work submitted and presented for publication in the proceedings of the conference or special proceedings.

Transfer of copyright agreement must be submitted with the original manuscript to MPIF.

Authors must follow established guidelines regarding manuscript preparation, preview and publication schedule in order for the paper to be considered for the award.
• Method of Selection & Criteria

Papers are initially evaluated for the Metal Additive Manufacturing Outstanding Technical Paper Award by each conference Session Chairman based on an established draft manuscript review procedure.

Paper excellence will be measured in both the initial and final review by using four weighted quality standards:

**Scientific, Technical Depth and/or Content Significance**

4 The paper is scientifically or technically new, innovative or is a constructive review.

**Communication**

3 The paper has clear presentation in writing, organization, graphics and format; and, the paper has professional integrity (credits prior work, objectivity, no overt/blatant commercialism, does not violate scientific principles).

**Application**

2 The paper has clear industrial application.

**Value**

1 The paper has long-term reference value.

All reviewers, including both the Session Chairman (initial review) and the Final Award Review Committee of the MPIF Technical Board will rate the manuscript from poor to excellent against each of the above quality standards using a scale from 0 to 10. The ratings for each quality standard are multiplied by the weighting factors, and the sum of these weighted scores is the “total weighted rating” for each paper.