

ASM HTS/BODYCOTE BEST PAPER IN HEAT TREATING CONTEST

1. DEFINITION AND HISTORY

The ASM Heat Treating Society established the Best Paper in Heat Treating Award in 1997 to recognize a paper that represents advancement in heat-treating technology or promotes heat-treating in some substantial way or represents a clear advancement in managing the business of heat-treating. The award is endowed by Bodycote Thermal Process-North America.

2. RULES

A. The HTS/Bodycote Student Paper Contest is open to all students, in full time or part-time education, at universities (or their equivalent) or colleges. It is also open to those students who have graduated within the past three years and whose paper describes work completed while an undergraduate or post graduate student.

B. The subject matter of the paper is required to cover any aspect of research or development applied to the fields of Heat Treatment, Surface Engineering, HIPing, Metallurgical Coatings, Testing or Materials Processing including any production process, IT, or relevant management or business issues. Undergraduate students may submit relevant work from a project or an essay or a review paper on the relevant subject areas.

C. All submissions must be accompanied by a statement from the candidate's Supervisor or Department Head stating that they are either students in current attendance or that they have graduated within the past three years.

D. Papers may be co-authored provided the student's contribution is specified and verified by the student's supervisor.

E. Published or submitted Papers are accepted, although a revised paper covering work already carried out and published will be considered.

F. The paper is to be written in English and should not exceed 2,500 words in length.

G. Only papers submitted in accordance with these rules are eligible. Papers by an employee of Bodycote International plc are ineligible for consideration.

H. The winning paper of the HTS/Bodycote Best Paper in Heat Treating Contest is eligible for publication in the appropriate ASM publication.

I. Deadline for submission is March 1, 2023. Submissions should be made to Mary Anne Jerson, ASM Heat Treating Society, 9639 Kinsman Road, Materials Park, OH 44073; 440-671-3877 email: maryanne.jerson@asminternational.org.

3. DESCRIPTION OF THE AWARD

The award includes a plaque and a check for \$2500. There shall be only one (1) award per year. If no paper is found worthy of this award, there is no obligation to present the award.

4. ASM AWARD SELECTION COMMITTEE

The committee shall be comprised of at least four (4) people representing the heat-treating community. Members shall serve two (2) year terms and shall be appointed by the HTS President with approval by the HTS Board. The committee shall represent academia, captive, furnace manufacturers, and commercial heat treaters.

The committee shall establish final criteria for judging, but shall consider:

- A. The paper clearly represents an advancement in heat-treating technology OR promotes heat-treating in some substantial way OR represents a clear advancement in managing the business of heat-treating.
- B. It is a paper based upon the factual research and any conclusions of the authors are justified by the results described.
- C. The technology/process/results are employable and are able to be applied in the day-to-day operations of the industry.
- D. The approach/method is unique. Innovation and creativity are demonstrated.