

Best Conference Paper Award

Established: 2005

Description: To recognize the best paper in the Industrial Electronics Society's major conference proceedings during the year specified for the award.

Administration: IES Awards & Honors (A&H) Committee, with IES VP Conferences.

Eligibility: Author(s) of papers in the Industrial Electronics Society's major conference proceedings during the year specified for the award. Must be a member of the IEEE.

Prize: US\$2,000 and certificate, plus reimbursement for IES-approved travel expenses to receive the award, up to but not more than US\$3,000. IES co-authors may divide the prize.

Funding: IEEE Industrial Electronics Society.

Presentation: At the Society's annual conference.

Other notes: The award is only given when suitable candidates are identified; it is not necessarily awarded yearly.

Operational details:

Nominee solicitation: The IES A&H Committee and IES VP Conferences request nominations from General Chairs/Co-Chairs and/or Technical Program Chairs of the Society's major conferences.

Note: A few years ago IES Conferences Committee approved the use of selected conferences, as defined

below. In view of the history of past recipients, IES A&H recommends drawing nominations from ‘major’ conferences.

Selected conferences -- IES events where IES is the only financial sponsoring entity (other than local organizers institutions), the paper submission system used supporting paper review is the IES-SUBMIT system, and the number of papers included in IEEE Xplore is greater than 100.

Deadlines: Nominations may be submitted at any time, but only those received by April 1 will be considered for judging in the same year. Nominations received after April 1 will be considered for the next year.

Judging criteria: The Best Conference Paper shall be selected based upon its originality and its contribution to the field of industrial electronics.

Award recommendation: A Selection Committee shall follow the procedure approved by IES Conferences Committee, completing the work before May 1. A&H Committee shall review the Selection Committee report, and present an endorsement or other recommendation to IES AdCom for final approval at the summer AdCom meeting.

Procedure approved by IES Conferences Committee

1. Handled by General / Technical Program Chairs of selected conferences:
 - (a) Screen accepted papers that received at least three reviews, with positive opinions from all reviewers, from those that received highest scores.

(b) Select up to two of these papers as candidates to the award. Three or four nominations may be accepted from large conferences (with more than 400 presented papers) under well-justified circumstances. The candidate papers from a conference cannot come from the same track or from a track and a special session in the scope of the track either, except under well-justified circumstances.

(c) Submit a report to the Selection Committee (defined below) with their evaluation of each selected paper according to the following criteria:

- Significance of original contributions
- Expected long-term impact in the area
- Balance of theoretical concepts and experimental results
- Applicability
- Importance of scope
- Writing quality

The report must include a statement regarding the main reason why the paper should be awarded. Reports are only disclosed to selection committee members.

2. Gather the following information about the candidate papers:

- Reviewers' names, affiliations, and comments (from IES-SUBMIT).
- Citations (from Google Scholar, Thomson, etc.).
- Downloads from IEEE Xplore (from IEEE).

Citations and downloads must not be the primary basis for decision making, since papers from conferences held later in the year have less time to accumulate good figures.

3. Rank by Selection Committee (composed of IES VP

Conference, IES VP Workshops and 3-4 other volunteers):

- (a) Analyzes reports and additional data for all candidate papers.
- (b) Reviews candidate papers.
- (c) Issues a recommendation for the award to IES Awards and Honors Committee.

Publicity: The award winner(s) will be publicized in the IEEE Industrial Electronics Magazine and on the IEEE Industrial Electronics Society website.

(Revised: December 2021, IES Awards and Honors Committee)