



IAS CMD STUDENT THESIS CONTEST 2018 Procedure Manual

Purpose

The IAS Chapters and Membership Development (CMD) Department is pleased to announce its Student Thesis Contest 2018 to recognize the best emerging academic work on the scope of the Industry Applications Society.

The scope of the Industry Applications Society is the *advancement of the theory and practice of electrical and electronic engineering in the* development, design, manufacture and application of electrical systems, apparatus, devices and controls to the processes and equipment of industry and commerce; the promotion of safe, reliable and economic installations; industry leadership in energy conservation and environmental, health, and safety issues; the creation of voluntary engineering standards and recommended practices; and the professional development of its membership.

Eligibility

To be considered for the recipient of the IAS Student Thesis Contest Award, the candidate's thesis must have successfully defended within two calendar years prior to the submission date and be relevant to the scope of the IA-Society. The candidate should be IEEE IAS student or higher grade member for at least one year before the contest submission. Two categories will be considered, *a) PhD and b) non-PhD theses.*

Nomination

The nomination will be processed on basis of application / self nomination. Each entry should contain the following documents:

- a) Signed application letter with title and full contact information of the candidate and the thesis' advisor.
- b) Signed endorsement letter from the thesis advisor stating of the significance of the thesis and that the candidate's eligibility for this award.
- c) Profile of the candidate, not more than 750 words. Optional attachments: copies of technical publications and award certificates.
- d) Abstract with author's name and thesis' title on the top, not more than two pages of clear description of the task, the method of solution and the results as well as two additional pages of explanatory figures with English captions and legends. The abstract should explain from the candidate's perspective, the impact on professional knowledge, applicable technologies or industry processes/products, and highlighting at least one outstanding contribution made by the candidate.
- e) Downloadable E-version (web link is required) or PDF copy of the original thesis work.

Documents a)-d) must be formatted in PDF and submitted in English even if the thesis is written in another language, typed double-spaced, using Times New Roman 11 point font with 25mm (or 1 inch) margins all around.

The document package should be sent concurrently by e-mail to:

- Peter Magyar, CMD Chair, peter.magyar@ieee.org
- Srikanth Vasudevan P, CMD Chapter Promotion Programs Standing Committee, Thesis Contest Manager, srikanthpillai@gmail.com

Hard copy submissions won't be accepted.

Nominations received for the current year's competition remain under consideration (if not selected) for one additional calendar year following the initial year of eligibility.

Due Date

The nomination documents must be submitted on or before **March 15, 2018**

Evaluation

The compositions of the IAS CMD Student Thesis Contest Evaluation Committee is

- Chair: IAS CMD Chair
- Secretary: CMD Chapter Promotion Programs Standing Committee, Thesis Contest Manager
- Members: IAS Executive Board Member, appointed by the Society President
IAS Chapter Chair, appointed by the CMD Chair
The 1st Prize Recipient(s) of the previous year

Members of the Evaluation Committee and their students are excluded from the Student Thesis Contest.

The IAS Student Thesis Contest Evaluation Committee will evaluate the thesis works on basis of scoring (maximum 100 points) and the following weighting

- Quality and form of the documents (10 points)
- Clarity of the abstract and figures (20 points)
- Relevancy of the thesis work to the scope of the IA-Society (20 points)
- Creativity (20 points)
- Scientific / technical merit (30 points)

The Evaluation Committee selects the final recipients by **Apr15th, 2018** and the list will be submitted to the Executive Board. The final recipient(s) along with all nominees will be notified not later than **May 1st, 2018**.

If, in the opinion of the Selection Committee, none of the candidates sufficiently meet the criteria, the award will not be given for that year.

The Prize

The presentation will bestow a plaque, a prize certificate and a cash amount of \$600, \$500 and \$400 to the first, second and third prize recipients per category, respectively. The prize also includes an AMTGP travel award for the three prize recipients per category. The prizes can't be shared between two or more recipients.

The prize will be presented at the President's Banquet at the IAS Annual Meeting. The final recipients will be invited to prepare an oral presentation of their work (15/20 minutes) at a special session of the IAS Annual Meeting.