IAS STUDENT THESIS CONTEST 2019

Procedure Manual

Purpose

The IAS Chapters and Membership Development (CMD) Department is pleased to announce its 2019 Student Thesis Contest 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 as a recipient of the IAS Student Thesis Contest Award, the candidate’s thesis must have successfully been defended within two calendar years prior to the submission date and be relevant to the scope of the IA-Society. The candidate should be an IEEE IAS student or higher grade member for at least one year before the contest submission. The following two categories will be considered:

   a) PhD
   b) Non-PhD

Nomination

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

   a) Signed application form with title and short bio about the candidate.
   b) Signed endorsement letter from the master thesis advisor stating the significance of the thesis and the candidate’s eligibility for this award.
   c) Abstract with author’s name and thesis title on the top, not more than two pages of a clear description of the task, the method of the 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 highlight at least one outstanding contribution made by the candidate.
   d) PDF copy of the original thesis work.
Documents a)-c) must be formatted in PDF and submitted in English (even if the thesis was originally 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 by e-mail to:

- Richárd CSELKÓ, Thesis Contest Subcommittee Chair & CMD Student Technical Conference Committee Chair, richard.cselko@ieee.org

Hard copy submissions won’t be accepted.

**Due Date**

The nomination documents must be submitted on or before **March 15, 2019**

**Evaluation**

The Thesis contests will be evaluated by a panel under the leadership of the Thesis contest subcommittee chair.

The IAS Student Thesis Contest Evaluation Committee will evaluate the thesis works based on 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 26th April, 2019 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, 2019. 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 winners will receive a plaque, a prize certificate and a cash amount of $600, $500 and $400 for 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 award recipients will be invited to prepare an oral presentation of their work (15/20 minutes) at a special session of the IAS Annual Meeting.