

◇ ◇ The 100th Anniversary of the Foundation of the Institute of Electronics,
Information and Communication Engineers ◇ ◇
—Call for Papers for 100-Year Memorial Paper Award Competition—

The Institute of Electronics, Information
and Communication Engineers
Editorial Board

The Institute of Electronics, Information and Communication Engineers (IEICE) will commemorate the 100th anniversary of its foundation on 1 May 2017. The Editorial Board is calling for papers for the 100-Year Memorial Paper Award Competition for each society under predetermined themes and content as part of the 100th anniversary project. The papers selected for the Best Paper Award and Paper Award will be published in the printed and online versions of the Journal of the Institute of Electronics, Information and Communication Engineers, 2017 December issue.

We hope many of you will submit original and trailblazing papers.

【Theme and content】

●Engineering Sciences Society/Nonlinear Theory and Its Applications (NOLTA) Society

Title : “Aiming at new frontiers and progress”

Objective : Many of important technologies and devices supporting our society were just pipe dreams in comics or SF novels in a few decades ago. However, by steady basic researches with challenging spirits, the dreams obtained a foothold in the implementation and finally achieved practical use. In order to aim at further development of our society in future, it is important to have a “dream” of great progress in frontiers, which will be required in electronic, information, and/or communication technologies after 20, 50, or 100 years. Please describe your dreams freely, which will become a target for researchers of the Engineering and Sciences Society.

●Communications Society

Title : Communications technologies taking us to the future

Objective : Communications technology has been born to build the infrastructure called network to provide the telephone service. Now it is evolving into an indispensable core technology to create new services linking not only people but also things. What kind of future is linked with us by the development of communications technologies? What kind of benefits can be brought to our lives? We thus call for the papers on communications technologies as well as the future they will open up, looking ahead to the next one hundred years from various aspects such as environments, energy, natural disaster, social welfare and so on.

●Electronics Society

Title : Information, communication and electronics in harmony with nature 100 years from now

Objective : The IEICE imagines a society of the future where all human activity is supported by an ICT-based communication infrastructure and promotes a constant progression of society. The point is to realize a sustainable society in harmony with nature, aiming at minimizing damage caused by both natural and human disasters, by making a commitment to save natural resources and reduce environmental pollution. Toward the next several decades, the technological challenges listed below are currently undertaken. This 100-Year Memorial Paper Award welcomes the submission of papers describing the society far into the future and the key technologies supporting it.

- Electricity generation utilizing natural energy sources, exploring new energy resources, natural environmental and disaster forecast on a global scale
- Simulation technology for earth-scale natural phenomena
- Ubiquitous earthquake monitoring network
- Earth-moon and interplanetary communication

●Information and Systems Society

Title : New vistas of information systems for enhancing humans, societies, and nature

Objective : Advances in information systems have realized various technologies that appeared in early animations and cinemas. Meanwhile, it is true that highly-developed societies with such technologies are being faced with emerging issues. The ISS society accepts submissions that describe information systems attempting to resolve these issues for realizing our prosperous future where the humans coexist and co-prosper with non-human living systems on the earth. Submitted papers can indicate philosophies required for researchers/engineers developing such information systems. The ISS society welcomes a variety of messages from researchers and engineers including those of younger generations.

【Award and prize money】

For each theme, the following awards will be presented.

Best Paper Award : 1 paper (JPY 100,000)

Paper Award : 3 papers (JPY 50,000 each)

【Applicant requirements】

Any researcher, regardless of nationality or IEICE membership, can submit a paper.

【Guidelines】

- (1) Write the paper in Japanese or English.
- (2) One author can submit only one paper. Specify the society to which you will submit. Papers prepared by joint authors will not be accepted.
- (3) The paper should be your own work, not previously published elsewhere, and should not infringe the copyright or any other right of a third party. If the paper is found to violate the IEICE Provisions on Copyright, IEICE will cancel the award and request the return of the prize money even after the announcement has been made.
IEICE Provisions on Copyright
<http://www.ieice.org/jpn/copyright/houshin.html>
- (4) The IEICE will not be liable for any loss in case a third party claims an infringement of right or compensation regarding a paper submitted to the award competition. The applicant will be liable for any loss including the required expenses.
- (5) The papers selected for the Best Paper Award and Paper Award will be formatted according to the editorial rules of the journal using predetermined terms. IEICE may ask the authors to send data of the text, figures, and tables. Authors will have a chance to check the galley proof before publication.
- (6) The copyright of the papers selected for the Best Paper Award and Paper Award will be owned by the IEICE.
- (7) The papers are not returnable.
- (8) Submit the paper to the appropriate society via e-mail. Questions on the statuses of application, review, and selection of award will not be answered.

【Application procedure】

- (1) The numbers of characters (in Japanese) or words (in English) of the papers are as follows :
Japanese papers : within 11,000 characters (including figure and table captions, references, and author's biography)
English papers : within 3,000 words (including figure and table captions, references, and author's biography)
The first page is the title page and should include the title, author's name (with hiragana printed beside each kanji), type of IEICE membership, contact address, phone number, e-mail address, name and address of university (department, major, grade) or affiliation (department, section), and name of academic societies if applicable.
- (2) Prepare a MS WORD file of the paper for the award competition and convert it to a PDF file. Send the PDF file via e-mail as an attachment.
- (3) Provide the subject of the e-mail message as "Submitting paper for 100-Year Memorial Paper Award Competition (name of society to which you will submit)".
- (4) Specify the number of references cited in the paper and add the list of references at the end of the paper.

【Handling of personal information】

- (1) Personal information related to the paper shall not be used for any purpose other than the review, publication, award, summary of application status, and announcement of award (*e.g.*, the journal and HP).
- (2) The names of the awardees will be announced.

【Application start date】 1 August 2016

【Application deadline】 30 April 2017

【Contact】

Engineering Sciences Society/NOLTA Society : memorialpaper_a@ieice.org
Communications Society : memorialpaper_b@ieice.org
Electronics Society : memorialpaper_c@ieice.org
Information and Systems Society : memorialpaper_d@ieice.org

【Review and selection result】

The Selection Committee of Award Papers of each society will review the papers submitted and the Editorial Board will select the papers for the Best Paper Award and Paper Award.