

Call for papers -----

IEICE Transactions on Communications

Special Section on Feature Topics on Latest Trends in Optical Networks

The IEICE (Institute of Electronics, Information and Communication Engineers) Transactions on Communications announces a forthcoming Special Section on "Feature Topics on Latest Trends in Optical Networks" to be published in **August 2007**.

We have been observing steady progress in optical network technologies thanks to fair amount of efforts made in research and development in optical network. We believe that further progress should be made because optical network is expected to play important roles in future broadband and ubiquitous networks by expanding network capacity. This special section aims to promote understanding of the latest trend in optical networks and to promote further research and development.

Distinctive feature of this special section is to serve the members of the IEICE Communications Society by providing a continuously-available source of comprehensive and leading-edge surveys covering optical networking technologies by leading experts. The authors are encouraged to submit papers covering the latest trends as well as original works in tutorial style.

Scope:

The topics of interest include, but are not limited to, the following areas on optical networks:

- High-speed broadband network services and applications
- Optical network testbed
- Optical and IP networks technologies
- Optical networks control technologies
- Optical burst and packet switching technologies
- Beyond IP: new protocols for optical network
- Optical node architecture and technologies
- Optical node processing technologies
- Optical processing device technologies
- Optical networks international standardization trend.

Submission Instructions:

Papers must be submitted by **October 1, 2006**. Manuscripts should be prepared according to the guideline given in the "Information for Authors". The latest version is available at the web site, http://www.ieice.org/eng/shiori/mokuji_cs.html, or you can refer to its brief summary attached to IEICE Transactions. The length of the paper should not exceed 8 printed pages in principle. The term for revising the manuscript after acknowledgement of conditional acceptance for this special section could be shorter than that for other issues (60 days) because of the tight review schedule. In this special section, only electronic submission is accepted.

Please bear in mind that manuscript should be prepared in tutorial style so that those who are not familiar with optical networks research could follow the paper in addition to the guideline. Although you are encouraged to include your original work in conjunction with the survey of the topic area, a regular paper which only consists of your original work will not be accepted. The following viewpoints are weighted in selecting the paper;

- explain what have been studied and its implications to the community so as to facilitate entry of new comers to the field, further stimulate ongoing research and development, and inspire new applications in the community
- focus on survey of the related works, future works, and trend assessment of the field
- develop frameworks and/or perspectives of the field, preferably to open new vistas of the field thereby

Selection will be made based on criteria for survey paper. The following items will be weighted in reviews and evaluations:

- Clarity: The author's point in the description should be clear, easy-to understand, and logically ordered so as to be sufficiently understood. The PAPER should be written at a fully understandable level of English.
- Reliability: The PAPER should be clear enough to express the author's point of view to readers and indicates a certain basis that is reliable enough to make readers trust the prerequisites and conclusions therein.
- Inclusiveness: The PAPER should cover the necessary references in the field, and not excessively concentrate on certain specified domains.

Should you have any questions regarding submission instruction including the review criteria, please contact Kohei Shiomoto, Guest Editor (pn_mag_survey@m.ieice.org).

Prospective authors are requested to follow the submission process described below carefully.

[IMPORTANT NOTICE] At least one of the authors must be an IEICE member when the manuscript is submitted for review.

1. Submit papers using the IEICE web site https://review.ieice.org/regist_e.aspx. The PDF file format is the only acceptable file format. Any other file formats, e-mail submission, or postal mail are NOT acceptable. Authors should choose the [Special-EB] Feature Topics on Latest Trends in Optical Networks as a "Type of Issue (section)/Category of Transactions" on the online screen. Do not choose [Regular-EB] Communications or other special sections.
2. The "Copyright Transfer and Page Charge Agreement" and "Confirmation Sheet of Manuscript Registration" must be sent by postal mail to the following address (secretariat of this issue). Please write "Special Section on Feature Topics on Latest Trends in Optical Networks" on the envelope.

Kohei Shiomoto
NTT Network Service Systems Laboratories
3-9-11 Midori-cho, Musashino-shi, Tokyo 180-8585, Japan
e-mail: pn_mag_survey@m.ieice.org

Special Section Editorial Committee:

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* Please note that if accepted for publication, all authors are requested to pay for the page charges to cover the partial cost of publication. Authors will receive 50 copies of the reprints.