

## SCOPE OF THE JOURNAL

The *IEEE Transactions on Visualization and Computer Graphics (TVCG)* is published quarterly. Its Editorial Board strives to publish papers that present important research results and state-of-the-art seminal papers within TVCG's scope. These include subjects related to visualization and computer graphics techniques, systems, software, hardware, and user interface issues. Specific topics include, but are not limited to: a) visualization techniques and methodologies; b) visualization systems and software; c) volume visualization; d) flow visualization; e) information visualization; f) multivariate visualization; g) modeling and surfaces; h) rendering techniques and methodologies; i) graphics systems and software; j) animation and simulation; k) user interfaces; l) virtual reality; m) visual programming and program visualization; and n) applications.

## Submission of Manuscripts for Review

### Submitting Materials

The IEEE Computer Society is now employing a secure, Web-based manuscript submission and peer-review tracking system called Manuscript Central. Please note that first-time users must create a new account. We will no longer accept hard copy submissions. To submit a manuscript, please visit <http://cs-ieee.manuscriptcentral.com/>. This site contains detailed instructions on usage and submission requirements.

**Note:** The information below is a *summary* of our detailed guidelines found at the TVCG author center. All authors are responsible for understanding these guidelines before submitting their manuscript. For further information on both our submission and peer review guidelines, authors are strongly encouraged to refer to TVCG's author center at <http://www.computer.org/mc/tvcg/author.htm> before submitting a manuscript.

### Manuscript Specifications

TVCG manuscript types and submission length guidelines are as follows:

- *Regular papers* - 12 double column pages (including reasonably sized figures and references),<sup>§</sup> 11-point font, and 0.5 inch margins. IEEE Computer Society templates are available at <http://computer.org/author/transguide/transstylefiles.htm>.\*
- *Comments* - 2 double column pages (including reasonably sized figures and references),<sup>§</sup> 11-point font, and 0.5 inch margins. IEEE Computer Society templates are available at <http://computer.org/author/transguide/transstylefiles.htm>.
- *Survey papers* - 15 double column pages (including reasonably sized figures and references),<sup>§</sup> 11-point font, and 0.5 inch margins. IEEE Computer Society templates are available at <http://computer.org/author/transguide/transstylefiles.htm>\*\*

<sup>§</sup> Authors wishing to submit a single column manuscript must adhere to the following page limits: Regular papers-30 double spaced pages (including reasonably sized figures and references); Comments-4 double spaced pages (including reasonably sized figures and references); Survey papers-45 double spaced pages (including reasonably sized figures and references). A double-spaced page is defined as an 8.5" x 11" page with 12-point type and 24-point vertical spacing, containing approximately 250 words. Margins should be one inch all around (for top, bottom, right, and left).

\*Special Issue papers must adhere to the same page limit as regular papers. Please contact our Peer Review Supervisor ([swerner@computer.org](mailto:swerner@computer.org)) for more information regarding Special Issue papers.

\*\*Survey papers are well-focused manuscripts that put recent progress into a broader perspective and accurately assess the limits of existing theories.

Submissions must include all of the following: abstract, keywords, illustrations, and bibliography. An abstract should be 100 to 200 words for regular papers, no more than 50 words for comments, and should clearly state the nature and significance of the paper. Abstracts *must not* include mathematical expressions or bibliographic references. Keywords should be taken from the taxonomy found at <http://www.computer.org/mc/keywords/keywords.htm>. Keywords should closely reflect the topic and should optimally characterize the paper. References should appear in a separate bibliography at the end of the paper, with items referred to by numerals in square brackets. Figures and tables must be sized as they are to appear in print. Figures should be placed exactly where they are to appear within the text. We ask that authors embed the figures in order to provide a smoother review process for the editors and reviewers. Figures not correctly sized will be returned to the author for reformatting. The IEEE Computer

Society accepts supplemental materials for review. Please visit <http://computer.org/author/transguide/SuppMat.htm> for further information. For further style or formatting information, consult the IEEE Computer Society Style Guide (<http://computer.org/author/style/>), or direct questions to the TVCG Transactions Assistant ([tvcg@computer.org](mailto:tvcg@computer.org)).

### Submission Policies and Copyright Information

Papers are accepted for review with the understanding that the same work has been neither submitted to, nor published in, another journal. Concurrent submission to other publications and these Transactions is viewed as a serious breach of ethics and, if detected, will result in immediate rejection of the submission. Papers previously published in conference proceedings, digests, preprints, or records are eligible for consideration provided the editor-in-chief is informed at the time of submission and that they have undergone substantial revision. Please refer to the IEEE policies on authorship (section 6.4.1.A) and duplication publication and self-plagiarism (sections 6.4.1.B(f) and (h)) to ensure your article meets all criteria for submission ([www.ieee.org/about/whatis/policies/p6-4.xml](http://www.ieee.org/about/whatis/policies/p6-4.xml)).

The author is responsible for obtaining copyright releases and corporate and security clearances prior to submitting material for consideration. It is the IEEE's policy (Policy 6.16) to assume all clearances are granted when a paper is submitted. For more information about our Copyright policies or to get a copy of the Copyright Transfer form, please visit <http://computer.org/copyright.htm>.

## FINAL MANUSCRIPT SUBMISSION

When your paper is accepted for publication, you will be provided with a guide and checklist to help you meet the final submission requirements (<http://computer.org/author/transguide/electronicsub.htm>). Note that all papers in IEEE Computer Society Transactions are edited electronically; therefore, electronic materials are required for all final submissions. Please note that if your manuscript fails to comply with page length requirements, it will be returned for revision and reformatting. Papers that do not meet the page length limits, as defined in the section below, could be subject to Mandatory Overlength Page Charges.

## MANDATORY OVERLENGTH PAGE CHARGES

In its mission to maintain a consistent and high quality publication process, the IEEE Computer Society follows a strict policy on the lengths of both submitted manuscripts and final papers. Submission length restrictions not only encourage authors to submit concise papers that readers will appreciate but they help to keep the review process timely. Length limits on final papers help maintain uniform editorial standards and consistency with page budgets. So that manuscripts meet submission requirements, supporting but nonessential information should be submitted as supplemental material. However, there may occasionally be an accepted (final) paper for which an editor-in-chief determines that an exception to the standard limit is appropriate and that from one to four additional pages are needed. The IEEE Computer Society allows for this possibility within its policy on mandatory overlength page charges.

Independent of any voluntary page charges, the IEEE Computer Society assesses the authors of accepted papers that exceed the regular paper length limit a fee called Mandatory Overlength Page Charges (MOPC). The regular paper page length limit is defined at 12 formatted transactions pages, including references and author biographies. Any pages or fraction thereof exceeding this limit are charged \$200 per page. Regular papers may not exceed 16 formatted transactions pages. Authors will be notified of any assessed charges when galley proofs are sent for review. Payment must be sent at the time galley proofs are approved by the author. The Computer Society's policy on page limits as described here is strictly enforced.

Information about purchasing reprints can be found at <http://www.computer.org/author/reprint.htm>.

For additional information, please visit the IEEE Computer Society Web site or contact the TVCG Transactions Assistant.

TVCG Transactions Assistant  
IEEE Computer Society  
PO Box 3014  
Los Alamitos, CA 90720-1314, USA  
E-MAIL: [tvcg@computer.org](mailto:tvcg@computer.org)  
PHONE: +1.714.821.8380 FAX: +1.714.821.9975