

INFORMATION FOR AUTHORS

IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY covers all aspects of visual information relating to video or that have the potential to impact future developments in the field of video technology and video systems, including but not limited to:

- (a) **image/video processing:** acquisition, representation, display, processing, transform, filtering, enhancement, restoration, watermarking;
- (b) **image/video analysis and computer vision:** characterization, classification, detection, tracking, assessment, segmentation, summarization, understanding, motion estimation, feature extraction, machine learning, machine intelligence, pattern analysis, pattern recognition, neural networks;
- (c) **image/video compression:** quantization, compression, quality assessment, rate control, error resilience, multiview, standards;
- (d) **image/video communication:** coding, streaming, distribution, interaction, networking, transport, wireless and mobile systems;
- (e) **image/video storage:** archives, networks, content management, databases, indexing, search, retrieval;
- (f) **image/video hardware/software systems:** architecture, hardware, software, multiprocessors, parallel processors, algorithms, VLSI, circuits, high-speed, real-time, low-power systems;
- (g) **image/video applications:** synthetic imaging, augmented imaging, video gaming, virtual reality, audio-visual systems, human-computer interaction, multimedia systems, multi-camera systems, surveillance, security, forensics, medical imaging, big data systems, cloud computing, and other video-related technologies.

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2. All papers must be clearly written and well organized. The manuscript should state the significance of the problem in the Introduction. The paper should be motivated by a clear discussion of the relationship of the paper to the most relevant prior work.
3. The total length of a manuscript cannot exceed fourteen (14) pages when printed using IEEE two-column format including figures (approximately 42 double-spaced typewritten pages of 8 1/2 x 11). (Note: Over-length charges begin with the 10th page. See details below.) The style files for LaTeX and Word can be downloaded from <http://www.ieee.org/pubs/authors.html>. The final submission format must be PDF.
4. Originals for the illustrations should be ready to be submitted immediately upon acceptance of the TRANSACTIONS Paper.
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C. Style for Manuscript

1. The manuscript should be typewritten using double space.
2. Writing/Preparing Abstracts:

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 - Your abstract must be self-contained, without abbreviations, footnotes, or references. It should provide a summary of the full article.
 - Your abstract must be written as one paragraph, and should not contain displayed mathematical equations or tabular material.
 - Your abstract should include three or four different keywords or phrases, as this will help readers to find it. (It is important to avoid repetition of such keywords and phrases as this can result the rejection of your paper by search engines).
 - Ensure that your abstract reads well and is grammatically correct.
 - Be sure that you adhere to the abstract guidelines and limitations; otherwise, it is likely that you will be asked to edit your abstract accordingly.

When submitting an abstract for your original research, it is important to state the **primary objective** and offer any tested hypotheses. Describe your research design and methodology and accurately state the following: the **methods and procedures** you employed, the **main outcomes and results**, and the **conclusions** that might be drawn from these data and results. Include any implications for further research or application/practice.

3. Provide a separate double-spaced page listing all footnotes. Acknowledgment of financial support is often placed at the end of a footnote.
4. References should appear in a separate reference section at the end of the paper, with items referred to by numerals in square brackets, *e.g.*, [12]. References should be complete and in the IEEE style. Style for papers: author, first initial followed by last name, title, volume, inclusive page numbers, month, and year. Style for books: author, title, location and publisher, year, chapter or page numbers (if desired). See any recent issues for examples.
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