

Call for Papers

Special Section on Recent Progress in Organic Molecular Electronics

The Institute of Electronics, Information and Communication Engineers (IEICE) Transactions on Electronics announces a forthcoming special section on "Recent Progress in Organic Molecular Electronics" to be published in December 2026. Organic molecules are getting recognized as important materials for the electronics. IEICE has been publishing the special sections pertinent to this field biannually since 2000 to keep track of the progress achieved in organic molecular electronics. This special section covers various aspects of organic materials and biotechnology. Their applications extend to such fields as transistors, memory devices, displays, photovoltaics, optical devices, energy devices, sensors, actuators, bioelectronics and medical devices. The topics related to basic physics and chemistry, material development, process technologies, devices and applications are included in this issue. Not only the papers to be presented at 14th International Symposium on Organic Molecular Electronics (ISOME 2025), scheduled for November 5 - 7, 2025 at Shinshu University (Nagano (Engineering) Campus), Nagano, Japan but also submissions from all researchers in related fields are strongly encouraged for this special issue. Information related to ISOME 2025 is provided on the website: <https://www.ieice.org/es/ome/ISOME2025HP/index.html>.

1. Scope

Topics of interest include, but are not limited to:

- Organic electronics • Molecular electronics • Bioelectronics • Organic photonics • Organic transistors
- Organic solar cells • OLED • Molecular devices • Biosensors • Medical devices
- Functional organic Materials • Molecular design & development • Organic device fabrication & evaluation technology

2. Submission Instructions

The deadline for submission is December 22, 2025. Manuscripts should be prepared according to the submission guideline for IEICE Transactions (https://www.ieice.org/eng/shiori/mokuji_es.html). Both Full Papers (up to 8 printed pages) and Brief Papers (up to 4 printed pages) are accepted. The term for revising the manuscript after acknowledgement of conditional acceptance for this special section could be shorter than that for regular issues (60 days) because of the tight review schedule. This special section will accept only papers by electronic submission. Prospective authors are requested to follow the procedure described below.

Submit the manuscript on the IEICE website: https://review.ieice.org/regist/regist_baseinfo_e.aspx. Be sure to select the [Special-OM] Recent Progress in Organic Molecular Electronics as the "Journal /Section" upon the online submission. Do not choose [Regular-EC].

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3. Editorial Committee of the Special Section

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