

# IEDMS 2023

International Electron Devices & Materials Symposium

## Call for Papers

*National Sun Yat-sen University, Kaohsiung, Taiwan*

### GENERAL INFORMATION

The 2023 International Electron Devices & Materials Symposium (IEDMS 2023) will be held on October 19-20, 2023, at National Sun Yat-sen University, Kaohsiung, Taiwan. The conference offers a common forum for researchers, scientists, engineers, and practitioner throughout the world to present their latest research findings, ideas, developments, and applications in the areas of semiconductor materials and devices. The technical program will consist of oral presentations and poster sessions. Conference topics include, but are not limited to:

#### A. Compound semiconductor materials and devices

Material growth, high-speed devices, lasers, light-emitting diodes, photodetectors and organic electronics, power devices, associated characterization, modeling, simulation and reliability.

#### B. Si-based processing, devices and integration

Novel processes and devices (Si, SiGe, Ge), low power ICs, high-voltage devices, optoelectronic ICs, memories, 3D ICs and integration, associated characterization, modeling, simulation and reliability.

#### C. Novel materials, large-area electronics, and related applications

Material preparation, thin-film transistors, 2D semiconductor devices, thermoelectric devices, associated characterization, modeling, simulation and reliability.

#### D. Photonic materials/devices, novel device concepts and applications

Novel nanostructures, energy-conversion devices, solar cells, spintronics, MEMS, sensor materials and devices, associated characterization, modeling, simulation and reliability.

### SUBMISSION OF PAPERS

Prospective authors are requested to submit a two-page paper (one-page text and one-page figures) in English using Adobe PDF format. The detailed format of the paper can be referred to the on-line template. All the papers should be submitted to on-line review system. The paper should be described clearly and concisely with the specific results of original and unpublished work.

### IMPORTANT DATES

Paper submission deadline	<del>July 31</del> <b>Aug. 14</b> (Final Extension)
Notification of acceptance	<b>Mid September</b>
Early bird registration	<b>September 28</b>
Conference date	<b>October 19-20</b>

### CONTACT INFORMATION

If you have questions or require additional information, please feel free to contact us.

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