

Special Issue

Selected Papers from Electron Devices and Solid-State Circuits (EDSSC 2026)

Message from the Guest Editors

IEEE EDSSC 2026 marks the 17th edition of a highly successful conference series started by the IEEE ED/SSC Beijing Section Hong Kong Chapter. EDSSC 2026 continues the EDSSC tradition as a multidisciplinary forum for the exchange of ideas, research results, and industry experience across the broad areas of electron devices and solid-state circuits and systems. This year, the event will be held in Guangzhou, China, from June 9 to 12, 2026. This Special Issue provides a platform for publishing contributions that highlight the work presented at the conference. We welcome the extended version of the conference papers in topics including but not limited to emerging devices and process technologies; analog, digital, and mixed-signal VLSI circuits; architecture and system-level designs; SoCs and embedded systems; harvesting and battery-less systems; synthesis and optimization tools; and CAD tools and methodologies for low-power designs

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About the Journal

Message from the Editor-in-Chief

Journal of Low Power Electronics and Applications is an open access journal which provides an advanced forum for rapid dissemination of innovative research and important results in all aspects of low power electronics and design.

It publishes reviews, regular research papers and short communications. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. The full experimental details must be provided so that the results can be reproduced.

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