

Special Issue

Advances in Sensor Readout Electronics for Precise Timing

Message from the Guest Editors

We would like to invite authors to submit papers related to research and applications in sensor readout electronics for precise time measurements. The topics include but are not limited to:

- Electronics for the readout of silicon photomultipliers (SiPMs);
- Photomultiplier tube (PMT) and micro channel plate PMT (MCP-PMT) readout;
- Silicon sensor readout electronics;
- Analog and digital ASIC readout;
- Time-to-digital converters (TDCs);
- Monolithic active pixel detectors;
- Hybrid pixel detector readout ASICs;
- New trends in interconnection (vertical integration);
- Detectors (crystals, readout electronics (ASIC), and detector systems);
- Applications (high energy physics, medical (e.g. positron emission tomography), mass spectrometry, LIDAR, biology, quantum applications).

Please click [here](#) to find information!

Welcome to contribute!

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2022)



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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).