



Advances in Sensor Readout Electronics for Precise Timing

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Deadline for manuscript
submissions:

closed (31 March 2022)

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).

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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 guest-edited by leading experts in selected topics of interest.

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