IEEE October 5-9, 2026 | Brescia, Italy
ISPCS 2026
International IEEE Symposium on Precision Clock Synchronization
for Measurement, Control, & Communication

IEEE **IEEE INSTRUMENTATION & MEASUREMENT SOCIETY®**

CALL FOR PAPERS

AIM & SCOPE

The objective of the symposium is to provide a forum for researchers and practitioners from industry, academia, national laboratories and government involved in the area of precision clock synchronization and distributed time-based applications.

SYMPOSIUM TOPICS

We welcome paper submissions on all areas of precision clock synchronization and distributed time-based applications. Example topics of interest include but are not limited to:

DISTRIBUTED APPLICATIONS BASED ON SYNCHRONIZED CLOCKS

- » Software, hardware, and system architecture
- » Time-based programming models
- » Design environments and tools
- » Distributed algorithms using or based on synchronized clocks
- » Robustness of distributed time-based systems
- » Fault tolerance in distributed time-based systems
- » Security in distributed time-based systems
- » Application requirements studies

- » Case studies and field experience
- » Analytic, modeling, and simulation studies
- » Time-based cyber-physical systems
- » Time synchronization for robotics and control
- » Time synchronization for cloud computing infrastructure
- » IaaS Data Plane & PaaS Control/Management Plane
- » Precise positioning using ranging from time synchronized beacons

CLOCK SYNCHRONIZATION TECHNOLOGY

- » Design, usage and research concerning IEEE 1588 (PTP)
- » Systems with heterogeneous synchronization technologies
- » Synchronization performance test and evaluation tools
- » Analytic, modeling, and simulation studies
- » Clock system management
- » Timing security and robustness
- » Synchronization over gigabit fiber and wireless networks
- » Local and wide-area synchronization

- » Servo design for slave clocks
- » Device design and application support
- » Conformance testing and system integration issues
- » Time and frequency distribution
- » Smart grids, high-frequency trading, and other applications of PTP
- » High precision wireless time transfer
- » Work-In-Progress reports

Submission of Papers

Authors should submit a six-page original manuscript (for regular paper submissions). Submission instructions will be posted on the conference website at **ispcs.org/2026/full-paper-submission-instructions**. Papers must follow the standard IEEE Manuscript Templates for Conference Proceedings.

Authors not interested in submitting manuscripts for publishing are welcome to submit a one-page abstract (for presentation only). Submission instructions will be posted on the conference website at **ispcs.org/2026/abstract-only-author-instructions**.

Paper Acceptance

All papers will be peer-reviewed. Each accepted paper must be presented at the conference by one of the registered authors. The final manuscript must be accompanied by the registration form and proof of payment.

Final Papers

Final papers are limited to six pages in IEEE double column format. Accepted papers will be submitted for inclusion into IEEE *Xplore®* subject to meeting IEEE *Xplore's* scope and quality requirements. All full papers will be published in the conference proceedings and on IEEE *Xplore®*.

March 30, 2026	**May 25, 2026**	**June 29, 2026**
Initial Abstract or Paper Submission Deadline	Accept/Reject Notification	Final Submission Deadline