

ITC 2024 | Innovation Integration

October 21–24, 2024

**Renaissance Glendale Hotel & Spa
Glendale, AZ**

We invite authors to submit original research papers, case studies, and novel implementations that contribute to advancing telemetry through innovation and integration.

Submit a paper for ITC 2024!

Requested topics include:

- Telemetry Solutions: Aeronautical, Space, Automotive, Biomedical
- Spectrum Efficient Technologies and Applications
- Networks and Protocols
- Range Applications and Automation
- Receivers, Antennas, Modulation and Coding
- Time-Space Position Technologies
- Application of Wireless Technologies
- Ground Systems Architectures
- Computer Optimization Techniques
- Data Acquisition and Sensors
- Metadata Description of Acquisition Systems and Data
- Use of Telemetry in Virtual and Constructive Environments
- Other Aspects of Telemetry

Student Paper Contest

Students are encouraged to submit telemetry-related papers and are asked to formally declare their submissions as student papers. There are separate categories for graduate and undergraduate students, with cash awards of \$1,500 and \$750 for first and second place in each category. Student winners will receive a reimbursement (cumulative total of \$1,000) of their travel expenses from within the continental United States to ITC 2024 to present their winning paper(s) as well as a cumulative total of 4 room nights for the authors.

Best Paper Awards

- *Best Conference Paper*
- *Lawrence Rauch Award for Telemetry Standards*
- *Myron Nichols Award for Telemetry Spectrum Management, Preservation, Protection or Advocacy*
- *Cliff Aggen Awards for Undergraduate and Graduate Student Papers*

Technical Program Chair

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Telemetry systems collect, transmit, store, interpret, and integrate data across diverse applications. The field of telemetry is constantly evolving, and designers and users face numerous challenges, such as power and bandwidth constraints, channel distortions, interoperability, and regulatory requirements.

To overcome these challenges, fostering innovation in telemetry system design, implementation, integration, and analysis is essential. Innovation allows for cost reduction, shortened development time, increased reliability, improved performance, and seamless integration with other systems and technologies.

ITC 2024 aims to be at the forefront of this innovation by providing a platform for researchers, practitioners, and industry experts to discuss and showcase the latest advancements in telemetry technology.

Submit Abstracts By: March 21, 2024

To be considered, please submit your one-page abstract by March 21, 2024 to www.telemetry.org. Acceptance notification and instructions will be sent by April 17, 2024. Final manuscripts — not exceeding 10 pages in length — are required by June 30, 2024. Formatting guidelines and templates can be found on the “Information for Authors” page at www.telemetry.org.

The 2024 Conference

The short course program at ITC 2024 will offer valuable training opportunities for practicing professionals, delivering focused and practical knowledge in the field of telemetry. Led by industry experts, these courses will cover a wide range of topics, providing attendees with the latest advancements, methodologies, and best practices.

In the exhibit halls, vendors will showcase the most cutting-edge hardware and software solutions in the telemetry industry. Participants can explore and interact with the latest technologies, fostering innovation and enabling them to stay at the forefront of the field.

