

SORRENTO 2027

ISIT IEEE International Symposium on Information Theory

Call for Papers

ISIT 2027 will bring together researchers from academia, industry, and government to present original contributions, exchange ideas, and discuss emerging challenges in the science of information. Please, join us:

From June 27 to July 2, 2027, in Sorrento, Italy.

Sorrento, located on the Bay of Naples, offers an inspiring setting rich in history, culture, and scientific tradition. The venue provides an ideal environment for scientific exchange while offering participants the opportunity to experience the cultural heritage of southern Italy and its surrounding landmarks.

The program of ISIT 2027 will include plenary lectures, contributed paper sessions, tutorials, workshops, and special sessions designed to promote interaction across communities and to encourage the participation of students and early-career researchers.

Authors are invited to submit previously unpublished work from a broad range of topics related to information theory, including but not limited to the topics of interest listed below.

ISIT 2027 website

Topics of Interest

- Coding theory and applications
- Communication theory
- Compressed sensing and sparsity
- Computation, complexity, and distributed systems
- Detection and estimation
- Distributed and federated learning
- Emerging applications of information and coding theory
- Information-theoretic methods in statistics and data science
- Information theory, biology, and neuroscience
- Information theory and combinatorics
- Information theory and control
- Information theory and generative AI
- Information theory and machine learning
- Information theory in computer science
- Network coding and applications
- Network information theory and applications
- Quantum information theory and error correction
- Security, privacy, and cryptography
- Shannon theory
- Signal processing
- Source coding and data compression
- Statistical learning theory
- Wireless communication and networks

Organization

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Important Dates

Paper submission deadline:
January 10, 2027

Acceptance notification:
March 27, 2027

Final manuscript submission:
April 17, 2027

Early registration deadline:
April 17, 2027

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