

ICQSR 2026

INFORMS Conference on Quality,
Statistics, and Reliability (ICQSR)

July 06 ~ 09, 2026, Shanghai International Convention Center, Shanghai, China

CONFERENCE CO-CHAIRS

Jianjun Shi Georgia Institute of Technology
Lifeng Xi Shanghai Jiao Tong University

AIMS AND SCOPE OF THE CONFERENCE

The fourth INFORMS Conference on Quality, Statistics, and Reliability (ICQSR) will be held at Shanghai International Convention Center, Shanghai, China, from July 06-09, 2026. ICQSR aims to provide an international forum for exchanging research innovations and advancements that reinforce the scientific essentials-quality improvement, statistical learning, and reliability assurance-and embrace emerging practical challenges. The theme of ICQSR 2026 is AI for Quality & Reliability, with potential applications in manufacturing, energy, healthcare, human-machine systems, and beyond. By integrating the efforts from academia and industry, ICQSR intends to promote original, basic, and transdisciplinary research that potentially makes timely and long-lasting impacts in a broad range of applications.

LIST OF TOPICS (NOT LIMITED TO)

- Advancements in process monitoring and control
- Analytics for smart and advanced manufacturing
- Systems informatics and control
- Design and analysis of computer experiments
- Reliability modeling and maintenance decision-making
- Machine learning and data mining
- Data quality assurance and data visualization
- Quality and reliability analysis in Industry 4.0
- Data analytics in healthcare applications
- Science/Physics informed machine learning
- Prognostics health management for energy systems
- Digital twins and uncertainty quantification

ORGANIZERS

Organizer: Department of Industrial Engineering and Management, Shanghai Jiao Tong University

Co-organizer: The Quality Statistics and Reliability (QSR) Section of INFORMS

EVENT DETAILS

Time and Place

Date: July 6 - 9, 2026, Monday – Thursday
Venue: Shanghai International Convention Center, Shanghai, China

Official Language

The official language of the conference is English.

CALL FOR ABSTRACTS (TENTATIVE)

Original abstract contributions that are relevant to the topics are invited. The abstracts written in English must be submitted to the conference website (to be announced). We welcome researchers and practitioners to organize sessions, invite speakers, and submit abstracts. Proposals on special sessions, such as panel discussion, tutorials, etc., are welcome.

IMPORTANT DATES (TENTATIVE)

Feb. 15, 2026 Deadline for session proposal and abstract submission
Mar. 15, 2026 Notification of session proposal and abstract acceptance
Mar. 30, 2026 Registration Commencement
Jul. 6-9, 2026 ICQSR 2026

CONFERENCE PLANNING COMMITTEE

Co-Chairs:

Ershun Pan Shanghai Jiao Tong University
Jian Liu University of Arizona

Members:

Yongxiang Li Shanghai Jiao Tong University
Yanting Li Shanghai Jiao Tong University