Call for Session Organization and Abstracts for INFORMS Conference on Quality, Statistics, and Reliability (ICQSR), 2025

June 30 – Jul 4, 2025, Singapore

The third INFORMS Conference on Quality, Statistics, and Reliability (ICQSR) will be held in-person at Fairmont Hotel Singapore from June 30-Jul 4, 2025. ICQSR aims to provide an international forum for the exchange of 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 2025 is Artificial Intelligence (AI) & Analytics for Future Industry, with potential applications in manufacturing, energy, healthcare, human-machine systems, etc. By integrating the efforts from both 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.

The organization committee invites you to organize technical sessions, such as invited/contributed sessions, tutorial sessions, and panel discussion sessions, and/or submit abstracts of technical presentations that fit in the topics include but not limited to:

- Process monitoring and control
- Analytics for smart & advanced manufacturing
- Systems informatics and control
- Design and analysis of computer experiments
- Reliability modeling
- Maintenance decision-making
- Human-machine interaction

- 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 and health management
- Machine learning and data mining
- Smart & resilient infrastructure

Conference website: https://sites.google.com/view/icqsr2025

Session proposal submission: https://forms.gle/QnfTwBpnZYFiEV4K9

Abstract submission: https://forms.gle/zPNZkm9epcLMXXAE9

Important dates:

Mar.	31,	2025	Deadline for session proposal submission and abstract submission
Apr.	14,	2025	Notification of abstract acceptance
Mar.	17,	2025	Registration commencement
Jun.	30,	2025	Preconference workshop and fab tour
Jul.	1-4,	2025	ICQSR 2025

Session Chair Responsibility:

- A session chair needs to select the **potential application**(s) and the **track** of session to be proposed. Multiple applications may be selected. The session chairs are encouraged to identify additional applications by selecting "Other" and providing more specific information.
- A session chair may choose to organize a distinguished-session, a regular-talk session (with **3-4** regular-talks), a flash-talk session (with **7-8** flash-talks), or other special sessions. Please indicate your preference in the request form. If you have multiple session requests, please submit them in separate request forms.

- If a regular-talk session has *less than* three (3) presentations, the session chair may contact the organization committee to discuss options for merging your session with another session. Inviting senior members to present in your session is highly encouraged.
- Session chairs are encouraged to explicitly announce the flash talk presentation option at the time of the author's invitation and prioritize finding the flash talk presenters. It is generally best practice to ask each presenter their preference, but a session chair may choose to recruit presenters specifically for each talk type.
- If you have any questions regarding the submission, please feel free to contact Nan Chen isecn@nus.edu.sg

For general questions of ICQSR 2025, please feel free to contact the conference secretariat at infor.icqsr@gmail.com.