



CALL FOR PAPERS

Abstract submission via EasyChair: qirtasia2027.com/submit | Abstract Deadline: **15 October 2026**

The **Quantitative InfraRed Thermography Asia Conference (QIRT Asia 2027)** is an international forum dedicated to the advancement of infrared thermography and thermal imaging science, bringing together researchers, engineers, industry practitioners and technology developers from academia and industry across the Asia-Pacific region and beyond. The conference provides a platform for exchanging the latest developments in quantitative infrared thermography, thermal measurements, signal and image processing, artificial intelligence, instrumentation, modeling and emerging industrial applications. Following the successful previous QIRT Asia editions held in **Mamallapuram** (2015), **Daejeon** (2017), **Tokyo** (2019), **Abu Dhabi** (2023) and **Harbin** (2025), QIRT Asia 2027 will be held from **7-10 March 2027** in **Singapore**, organized by the **Nondestructive Testing Society of Singapore (NDTSS)** and supported by **Institute of Materials Research and Engineering (A*STAR IMRE)**, and co-located with the **SINCE 2027** conference and exhibition — fostering interdisciplinary collaboration between the thermography, nondestructive testing, manufacturing, aerospace, nuclear energy, biomedical and infrastructure communities.

TOPICS OF INTEREST (including but not limited to)

- State of the art and evolution in IR scanners and imaging systems
- Quantitative thermography methods and uncertainty analysis
- Infrared signal and image processing, AI/ML and data-driven analysis
- 3D measurements, model-based and inversion techniques
- Thermal effects induced by electromagnetic fields, elastic waves and mechanical stresses
- Additive manufacturing, process monitoring and digital twins
- Structural health monitoring and life extension
- Materials characterization and property evaluation
- Applications in NDE/NDT, nuclear, aerospace, biomedical, energy and industrial processes
- Emerging industrial applications and Industry 4.0

SUBMISSION GUIDELINES

- ✓ Submit a 500-word abstract by **15 October 2026** via EasyChair.
- ✓ Accepted authors will be invited to submit either a full paper or a two-page extended abstract by **10 January 2027**.
- ✓ All presentations will be evaluated by the QIRT Asia Steering Committee.
- ✓ **Proceedings published in QIRT Open Archives** (indexed by Google Scholar).
- ✓ Selected high-quality papers may be invited for submission to the QIRT Journal (subject to peer review).

QIRT SHORT COURSE · 7 MARCH 2027

- ✓ Full-day international short course.
- ✓ Led by leading experts in lock-in thermography, thermographic signal processing, quantitative thermography and industrial applications.
- ✓ Open to all participants (separate registration required).

Tuition: USD 300 · Full programme at qirtasia2027.com

IMPORTANT DATES

Abstract submission opens	1 Jun 2026
Abstract submission deadline	15 Oct 2026
Notification of acceptance	25 Nov 2026
Full paper / extended abstract deadline	10 Jan 2027
Registration opens	1 Jul 2026
Earlybird registration deadline	15 Jan 2027

QIRT Asia 2027 Conference
7-10 March 2027

REGISTRATION FEES

Category	Deadline	USD
Regular — Early Bird	15 Dec 2026	650
Regular — Standard	15 Feb 2027	700
Regular — Late / On-site	at desk	900
Student — Early Bird	15 Dec 2026	450
Student — Standard	15 Feb 2027	500
Accompanying Person	15 Dec 2026	150

Includes: welcome reception, conference dinner, lunches & coffee breaks. Accommodation not included.

ABOUT QIRT

Quantitative Infrared Thermography (QIRT) is a biannual international conference where IRT specialists from industry and academia exchange current interests and novel developments in thermal imaging science and its applications. Held continuously since 1992, the QIRT series has established a strong tradition of excellence — and since 2015 the **QIRT-Asia** series has served the growing thermography community across the Asia-Pacific region.



SCAN TO VISIT
qirtasia2027.com

ORGANISED BY



SUPPORTED BY



MEDIA & PUBLISHING PARTNER



QIRT ASIA 2027 • SINGAPORE

The 6th Asian Quantitative InfraRed Thermography Conference • 7-10 March 2027



CONFERENCE VENUE • SINGAPORE



Marina Bay Sands



Gardens by the Bay



Jewel Changi



Chinatown



City Skyline

Marina Bay Sands, Singapore — One of the world's most iconic integrated resorts, situated at the heart of Singapore's stunning Marina Bay waterfront. The venue offers world-class conference facilities, spectacular views of the city skyline and the acclaimed Gardens by the Bay. Singapore is a vibrant, cosmopolitan city at the crossroads of Asia, renowned for its excellent connectivity, safety, and culinary diversity — an ideal setting for an international gathering of the infrared thermography community.

★ AWARDS



Best Young Researcher Presentation Award

Celebrating outstanding early-career talent, this award honours the most impactful conference presentation by a researcher within 10 years of completing their PhD.



Best Student Paper Award

Awarded to the best paper with a student as the primary and presenting author. Student must indicate eligibility at the time of submission.



POST-CONFERENCE TOUR 10 MARCH 2027

Singapore Guided City Tour

Spend your final day discovering the highlights of the Lion City — from the glittering skyline of Marina Bay and the colonial Civic District to the temples and lantern-lit lanes of Chinatown.

A dynamic meeting point of cultures, cuisines and green innovation, Singapore offers an unforgettable close to your QIRT Asia 2027 journey.

Complimentary for registered participants
(Subject to availability)



LOCAL ORGANIZING COMMITTEE

Dr. Andrew Ngo	: Chair – A*STAR-IMRE, A*STAR-FEAT, Singapore
Dr. Sreedhar Unnikrishnakurup	: Co-Chair – A*STAR-IMRE, A*STAR-FEAT, Singapore
Prof. Junyan Liu	: Vice Chair – Harbin Institute of Technology, China
Dr. Sajeesh K Babu	: President NDTSS, ICNDT Chairman – Singapore
Dr. Andy Malcolm	: A*STAR SIMTECH – Singapore
Prof. Edmund Liew	: Singapore Institute of Technology (SIT), Singapore
Mr. Vinod Kumar	: A*STAR-IMRE – Singapore
Mr. Jonathan Zheng	: A*STAR-IMRE – Singapore

QIRT ASIA STEERING COMMITTEE

Andrew Ngo Chun Yong – chair & Sreedhar Unnikrishnakurup – Co-chair, Singapore	Mohammed A. Omar – UAE
Junyan Liu – Vice Chair, China	M. Menaka – India
Yusra Abdulrahman – UAE	Nik Rajic – Australia
Vanita Arora – India	Andrei Sleptchenko – UAE
Manyong Choi – Korea	Chali Venkata Subbarao – India
Ab Razak Hamzah – Malaysia	B. Venkatraman – India
WonTae Kim – Korea	Cunlin Zhang – China
Guohua Li – China	Ilham Mukriz B. Zainal Abidin – Malaysia
Junyan Liu – China	
Junko Morikawa – Japan	
Ravibabu Mulaveesala – India	

QIRT Council Representative: X. Maldague (Canada)

Connecting Asia Through Quantitative InfraRed Thermography



Publish in QIRT Open Archives (indexed by Google Scholar)



Selected papers may be invited for QIRT Journal Special Issue (subject to review)



Network with leading experts and industry professionals



Exhibition and industrial showcase



SCAN TO VISIT
qirtasia2027.com

ORGANISED BY



SUPPORTED BY



MEDIA & PUBLISHING PARTNER



✉ info@qirtasia2027.com

🌐 qirtasia2027.com

#QIRTAsia2027