



## Call for Papers

# QIRT Asia 2023

The 4th Asian Quantitative Infrared Thermography  
Conference

Abu Dhabi, UAE

October 30 – November 03, 2023



مكتب  
المؤتمرات  
والمعارض  
CONVENTION  
& EXHIBITION  
BUREAU

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## General Information

### QIRT Short Courses

In addition to the main technical program, the conference will be complemented by one-day short courses, taking place at Khalifa University.

### Fees (VAT included)

**Early bird:**  
until August 1<sup>st</sup> 2023: 700 USD\*  
**Regular:**  
from August 2<sup>nd</sup>, 2023: 800 USD\*

#### Students:

350 USD\* (Early Bird)  
400 USD\* (Full from August 2<sup>nd</sup>, 2023)

QIRT Short Courses: 180 USD\*

\*including all conference activities, conference dinner, lunch and refreshments

### Cancelation

by August 1<sup>st</sup>, 2023: 50 % of participation fee  
from August 16, 2023: no refund possible

### Venue

Khalifa University, Abu Dhabi, UAE

### Hotel Reservation

Hotel reservations will be made available in different hotels. Details about the conference and the reservation process will be posted on the website.

### Exhibition

A vendor exhibition will complement the technical presentations. For each exhibition booth one Conference ticket with full Conference participation will be provided. The number of exhibition booths is limited. They will be assigned on a first come, first serve basis. More information and prices will be published in the next Announcement.

Website

QIRT-ASIA-2023.ORG

<https://easychair.org/cfp/QIRT-ASIA-2023>

# Call for Papers

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### Aims and Content

We invite all experts, users, scientists, researchers, and students interested in the quantitative thermography field to attend the 4th Asian Quantitative Infrared Thermography (QIRT'2023). The QIRT 2023 Conference will be held at Khalifa University in Abu Dhabi.

Khalifa University is organizing the Conference this year. The various committees of the QIRT community are also supporting the conference. In addition to the regular conference, The conference will be complemented by the QIRT short courses and will feature an exhibition showcasing the latest equipment for infrared thermography.

You are cordially invited to join the conference and contribute to the scientific and technical discussions. We look forward to seeing you make valuable contributions.

*On Behalf of the Local Organizing Committee*

*Dr. Mohammed A. Omar*

### Structure

#### *Scope*

The biannual Quantitative Infrared Thermography Conference (QIRT) is a meeting of the scientific and industrial community interested and actively working in research, application, and technology related to infrared thermography.

All Conference topics are intended for quantitative results comprising temperature values and further parameters on the tested materials and structures. The latter ones are usually obtained through active thermography, e. g. by exploiting non-stationary heat transfer processes activated by additional heat sources or by considering wavelength-dependent effects.

Passive and active thermography methods and technologies are spread now along a multitude of areas of applications, which all profit from each other.

#### *Topics*

- Applications of AI and CNN
- Biomedical applications
- Calibration and metrology
- Civil Engineering and Buildings
- Electronics and semiconductors
- Environment
- Fluid dynamics and energetics
- Image and data processing
- Induction thermography
- Industrial applications
- IR signature, Image Processing and Recognition
- Microscale applications
- Modeling
- Monitoring and maintenance
- NDE and its applications to composite structures
- Novel technique
- Photothermal techniques
- Remote sensing
- Thermographic Systems & Components
- Thermomechanics
- Vibrothermography
- Works of Art

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### **Key Dates for Authors**

Deadline for abstract submission:..... June 28, 2023  
Acceptance notification: ..... July 2023  
Deadline for exhibition booth reservation: ..... August 15, 2023  
Deadline for full paper submission: ..... September 29, 2023  
Deadline for author on-line registration : ..... October 13, 2023

### **Submission Guidelines**

You are invited to submit abstracts in accordance with the following guidelines:

- Authors may register more than one paper.
- English is the Conference language so the contributions must be submitted in English. Translation into other languages will not be provided.
- All contributions must be submitted online at: <https://easychair.org/conferences/?conf=qirtasia2023> by **June 28, 2023**.

Please submit a **short abstract of 100 words** within a two-page extended abstract formatted according to the template which can be found on the Conference website. Authors will be informed about the acceptance of their contributions by **July 2023**. Authors whose paper was accepted must register and pay the registration fee before **October 13, 2023**. The registration is binding. Registrations of papers will only be considered if they are submitted together with all relevant data and the abstract. The full paper (in English) must be received by QIRT'2023 organizers as an electronic file by **September 29, 2023**.

### **Publication of Best Papers**

After the Conference, all papers will be evaluated by the QIRT Committees, and the best papers will be published in the QIRT Journal. These papers should not already be published in any conference proceedings or journals and the work should be original and new. A peer review process by independent, anonymous expert referees will be performed.

### **Student Award**

The best student paper will be honored with the Student Award. During abstract submission, you can choose if your abstract is suitable for the Student Award. The presenting student must be enrolled at a university (or similar institution, e.g. polytechnic), and the presented work must be developed within their bachelor, master, or doctoral thesis. Only one submission per student candidate is accepted into the competition.

### **Grinzato Award**

The scientific paper will be honored by the Grinzato Award. The nominees for the Grinzato Award will be announced by the steering Committee according to the rating of the submitted abstracts.



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