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QIRT-Asia Steering Committee

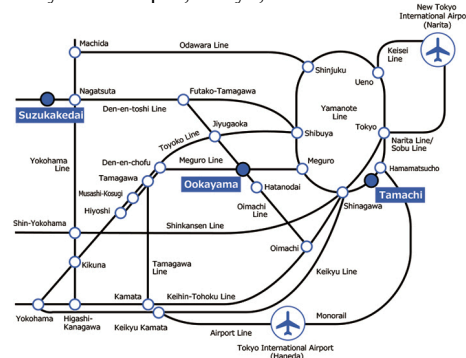
- J. Morikawa (Tokyo Institute of Technology) – Chairperson
- Wontae Kim (Rep. Korea) – Vice Chairperson
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- Ab Razak Hamzah (Malaysia)
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- Ilham Mukriz B.Zainal Abidin (Malaysia)
- X. Maldague (Canada) – QIRT Council representative

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- H. Inoue (Tokyo Institute of Technology)
- N. Ogasawara (National Defense Academy)
- T. Sakagami (Kobe University)
- K. Yamakoshi (Thermographers, Co., Ltd.)

Venue

Tokyo Institute of Technology,
Ookayama Campus, Tokyo, JAPAN



<https://www.titech.ac.jp/english/maps/>



Host Organization

The Japanese Society for Non-Destructive Inspection
Website: <http://www.jsndi.jp>

Conference Secretariat

E-mail: sec@qirtasia2019.com
URL: <https://qirtasia2019.com>



qirtasia 2019.com

QIRT-Asia 2019

The 3rd Quantitative InfraRed Thermography Conference Asia

July 1 – 5, 2019
Tokyo Institute of Technology, Japan

Organizers

Invitation

Quantitative Infrared Thermography (QIRT) conference is a biannual international conference, in which Infrared Thermography (IRT) specialists from industries and academia discuss and present their current interests and novel developments.

Since 1992, QIRT conferences have been held in Paris (1992), Sorrento (1994), Stuttgart (1996), Lodz (1998), Reims (2000), Dubrovnik (2002), Brussels (2004), Padua (2006), Krakow (2008), Quebec City (2010), Naples (2012), Bordeaux (2014), Gdansk (2016) and Berlin (2018). As infrared technology gathers growing interest and the number of participants from Asia has been increased, QIRT council has started a sister conference series called QIRT-Asia since 2015, held in Mahabalipuram (2015) and Daejeon (2017).

Message from the chair

It is my proud privilege to welcome all invitees and participants to the third Quantitative Infrared Thermography Conference Asia (QIRT-Asia 2019) from July 1-5, 2019 at Tokyo, Japan.

With increasing popularity and usage, the field of Infrared Thermography has seen widespread growth in its applications. It has turned into a truly inter- and multi-disciplinary area of research and development. I am sure the days of gathering to present, share and discuss, this rapidly evolving research field, would enrich you in the ambiance of Tokyo.

We look forward to seeing you in Tokyo.

森川 淳子

Dr. Junko Morikawa
Tokyo Institute of Technology in Japan



Scope

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

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

Topics

QIRT-Asia 2019 will cover, but will not be limited, the following topics:

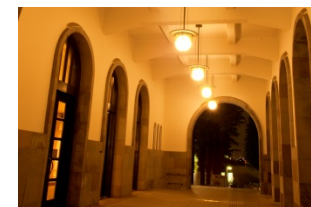
- State-of-the-art and evolution in the field of infrared scanners and imaging systems allowing quantitative measurements, and related data acquisition and storing systems.
- Calibration and characterization of infrared cameras and related problems like certification, standardization, emissivity determination, absorption in media, spurious radiations, three dimensionality of observed objects.
- Characterization of optical and further heat sources for active thermography.
- Thermal effects induced *e.g.* by electromagnetic fields, elastic waves or mechanical stresses.
- Analytical and numerical modeling, data reduction and image processing related to infrared thermography.
- Application of infrared thermography to radiometry, thermometry, and physical parameters identification, in all fields: fluid mechanics, solid mechanics, structures and material sciences, non-destructive evaluations, electromagnetism, medical and biomedical science, remote sensing, environment monitoring, industrial processes and other.
- Basic instrumentations, device, in relation with Infrared imaging.
- Infrared spectroscopy, including the imaging.

Short courses

In addition to the main program, one-day short courses on Monday, 1st July 2019 will be conducted in the conference place.

Key Dates

One-page abstract submission February 28, 2019
Early registration May 31, 2019
Conference period July 1-5, 2019



Registration Fee

	Regular	Student	Accompanying Person	Additional Banquet
Before May 31, 2019	70,000 JPY	35,000 JPY	10,000 JPY	10,000 JPY
After June 1, 2019	100,000 JPY	50,000 JPY		
Technical Session	Yes	Yes	No	N/A
Program, Abstracts & Bag	Yes	Yes	No	N/A
Welcome Reception	Yes	Yes	Yes	N/A
Lunch & Coffee Break	Yes	Yes	Yes	N/A
Banquet	Yes	No	No	Yes
Excursion Tour	Yes	Yes	Yes	N/A

Note: 100 JPY (Japanese Yen) corresponds approximately to 0.9 USD.



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