

2016

17th–21th April 2016

Thermosense: Thermal Infrared Applications XXXVIII in Baltimore, Maryland, USA

Venue: Baltimore Convention Center

Thermosense is the oldest and largest international technical conference focused on scientific, industrial and general uses of infrared imaging, infrared temperature measurements, and image analysis. Its regular printed proceedings are found in most scientific and engineering libraries, providing an unequalled depth and breadth of technical information and reference data. Further information regarding Thermosense can be found at: www.thermosense.org.

Thermal/infrared related papers are solicited in the areas listed below, and are also welcome in other areas.

Aerospace Applications

Automotive Industry

Building Applications

Calibration

Detection Of Gas And Other Leaks

Environmental And Agricultural Monitoring

Fiber Optics For Infrared

- Detection of hazardous chemicals
- Remote sensing in high temperature
- and corrosive environments
- Medical applications.

Fire Analysis And Detection

Food Processing And Handling

Infrastructure

IR Image Fusion Applications

- biological and medical
- field security
- process monitoring
- hyperspectral
- structural analysis.

Manufacturing And Processing Industries

Materials Evaluation And ndt

Medical

- health screening and diagnostics
- veterinary applications.

NDT (Nondestructive Testing)

Power Generation And Distribution

Research And Development

REMOTE SENSING AND SECURITY

Further information at <http://www.spie.org/Si110>

3th–4th July 2016

XXth Meeting of the Polish Society of Medical Thermography Combined with The European Association of Thermology at the University of Technology in Gdansk, Poland

All are warmly invited to a meeting at Gdansk University of Technology.

This is a special pre QIRT conference meeting.

Gdansk is an attractive historic city, situated on the north coast of Poland.

There are good connections from the airport to the city.

Registration fee of **700.-PLN** by bank transfer in advance includes

Welcome Sunday evening 3rd July

Scientific Sessions Monday 4th July

Accommodation (2 nights in Technical University residence) / meals registration.

EARLY RESERVATION FOR ACCOMMODATION ESSENTIAL

Bank account details will be announced EAT website

Abstract deadline for Polish/EAT meeting May 1st 2016

Send to Prof. Anna Jung...

4th–8th July, 2016

QIRT Conference 2016

Gdansk University of Technology Gdansk – Poland

Scope of the Quantitative InfraRed Thermography Conference:

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.

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, medicine and biomedical sciences, remote sensing, environment, industrial processes, etc.

Key dates:

- Abstract submission deadline: November 20, 2015
- Acceptance notification: February 15, 2016
- Paper submission deadline: April 30, 2016

• Conference Fees

Regular participants

- Early rate (deadline: May 20, 2016): **2600 PLN**
- Late rate (deadline: June 17, 2016): **3000 PLN**
- Very late registration before July 4: **3500 PLN**

Students

- Early rate (deadline: May 20, 2016): **1600 PLN**
- Late rate (deadline: June 17, 2016): **1800 PLN**
- Very late registration before July 4: **2000 PLN**

Accompanying persons

- Rate (deadline: June 27, 2016): **1000 PLN**

Further information:

Prof. Nowakowski antowak@biomed.eti.pg.gda.pl

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Telecommunication Faculty Narutowicza Str. 11/12
80-233 Gdansk Poland

Website : www.qirt2016.gda.pl

10th- 11th September 2016

Annual Scientific Session of the American Academy of
Thermology (AAT) in Greenville, South Carolina.

A Pre-Meeting Physicians Member Certification Course
will occur on September 9th.

A Pre-Meeting Technicians Member Certification Course
will occur on September 8th.

Further Information:

<http://aathermology.org/>



Direct flights to Gdańsk



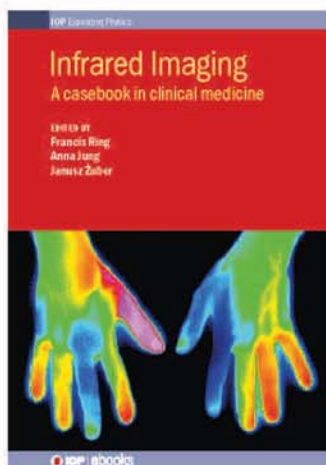
and many more via Warsaw.



QIRT 2016



July 4-8, 2016



161pp

ISBN 978-0-750-31143-4 (electronic)

ISBN 978-0-750-31144-1 (print)

Readership

Practising and training radiographers, medical physicists and clinicians

Key features

Guide to correct use of the right technology and clinical case studies of applications in medicine. Built on real life case studies and latest imaging technology. Francis Ring is an acknowledged leader in the field.

Infrared Imaging

A casebook in clinical medicine

Edited by

Francis Ring

Anna Jung

Janusz Żuber

About the book

Infrared thermal imaging is a rapid and non-invasive procedure for mapping skin temperature distribution of the human body. Advanced software and high-resolution infrared detectors has allowed for a renaissance in the use of infrared thermal imaging or thermography in medical research and practice. After a review of theory, technology and methodology of medical infrared imaging, the remainder of the book consists of a collection of clinical case studies demonstrating the wide variety of applications of thermography in modern medicine. The combined expertise from a number of centres is used to create this database of images and cases that will be invaluable for medical researchers and practitioners in making diagnoses and measuring treatment efficacy. This book is recommended reading for practising and training radiographers, medical physicists and clinicians.

About the editors

Francis Ring is a pharmacologist and clinical scientist with 50 years' experience in quantitative infrared thermal imaging in medicine. He currently leads the Medical Imaging research Group at the Faculty of Advanced Technology, University of Glamorgan, UK, and has published more than 300 papers in this area. Anna Jung is Professor of Paediatrics and Nephrology at the Military Institute of Medicine in Warsaw, Poland and is experienced in the application of thermographic methods in paediatric diagnostics and has twice served as the President of the European Association of Thermology. Janusz Żuber is a specialist physician in allergic medicine at the Military Institute of Medicine in Warsaw, Poland, with many years' experience of applications of thermography and thermovision in allergology and other branches in medical diagnostics.

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