

Conference fees

The conference fee is € 400,- (early bird : May 15, 2004) and € 450,- (late/on site) for authors presenting papers and/or posters.

The conference fee for all other participants is € 450,- (early bird) and € 500,- (late/on site) .

These prices include sessions, lunches, welcome reception, conference dinner and a free subscription to the Journal of QIRT for two years (4 issues).

The conference fee is € 150,- for accompanying person. The price includes welcome reception and conference dinner.

Transfer should be made to the von Karman Institute:

Bank: Fortis Bank, avenue de la Forêt de Soignes 322, 1640 Rhode-St-Genèse, Belgium
IBAN Account Number : BE46 0014 0109 1036
Do not forget to add **the name of the participant** to the communication: QIRT'2004

Accommodation

Reservations for accommodation can be made via the secretary of the von Karman Institute :

Phone: +32 2 359 96 04

Fax: +32 2 359 96 00

E-mail: secretariat@vki.ac.be

Online hotel reservation :

Visit our web site : <http://www.vki.ac.be>

Information on the von Karman Institute

The von Karman Institute is a non-profit international educational and scientific organization, hosting three departments (aeronautics and aerospace, environmental and applied fluid dynamics, and turbomachinery).

It provides post-graduate education in fluid dynamics (the diploma course, doctoral program, lecture series) and encourages "training in research through research". Created in 1956 following Theodore von Kármán's proposal, it is currently supported with subsidies from most of the member countries of NATO and with an income derived from contract research. More information on the Institute is available from its web site: www.vki.ac.be.

Information on Brussels and Surroundings

Brussels is a little bit of everything: an agglomeration of 19 communes forming one of the three Regions of the federal Belgian state, the capital of the Kingdom of Belgium, the headquarters of the French and Flemish Communities.

Brussels is also the home of the European Commission and the Council of the European Union. Brussels as the capital of Europe is also an international business forum, an international trade fair center and the third largest conference center in the world. Every year, more than 1000 business conferences are organized in Brussels. Its congress infrastructure is particularly well developed. 2000 foreign companies of which 1400 are American have offices in Brussels. The fact that 60 foreign banks have branches in Brussels makes Brussels the seventh most important financial market in the world.

Contact

Please address inquiries, abstract and paper submissions in preference to :

qirt2004@vki.ac.be .

Or, by mail to :

QIRT2004 secretary
von Karman Institute for Fluid Dynamics
Chaussée de Waterloo, 72
B-1640 Rhode-St-Genèse
Belgium

Phone : +32 359 96 11

Fax : +32 359 96 00

Additional information
available on the
QIRT'2004 web site:
www.vki.ac.be/qirt2004



Scope

The Quantitative Infrared Thermography (QIRT) conference is an international forum, which brings together specialists from industry and academia, who share an active interest in the latest developments of instrumentation and experimental practices related to infrared thermography.

Following the conferences in Paris (1992), Sorrento (1994), Stuttgart (1996), Lodtz (1998), Reims (2000) and Dubrovnik (2002), the seventh Quantitative Infrared Thermography conference, QIRT'2004, will take place on July 5-8, 2004 at the von Karman Institute for Fluid Dynamics in Rhode Saint Genèse, Belgium.

The International Conference QIRT'2004 will emphasise 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 (mono and multidetector systems).
- Related problems like certification, standardization, emissivity determination, absorption in media, spurious radiations, three dimensionality of observed objects.
- Infrared effects induced e.g. by electromagnetic or elastic fields.
- Application of infrared thermography to radiometry, thermometry, and thermal parameters identification, in all fields: fluid mechanics, material sciences, structures and material non destructive evaluations, medicine and biomedical science, remote sensing, environment, industrial processes...

Pre-conference course

Preceding the conference, the following courses will be organised: A-Basic Thermography; B-Array Detector Systems; C-Application to Fluids; D-Application to Solids.

Each of these Courses involves four hours of lectures. The Courses are scheduled on Monday July 5, 2004. The tuition is 150 € per course including tutorial and lunch. Attendants at two courses pay 250 €.

Committee

SCIENTIFIC COMMITTEE

CHAIRMAN OF QIRT : D. BALAGEAS, ONERA, France
CO-CHAIRMEN OF QIRT :
G. BUSSE, IKP - Universität Stuttgart, Germany
G. M. CARLOMAGNO, Università di Napoli, Italy

MEMBERS :

D.P. ALMOND, University of Bath, United Kingdom
J.-M. BUCHLIN, Institut von Karman, Belgium
X. MALDAGUE, Université Laval, Canada
J. RANTALA, Academy of Finland, Finland
S. SVAIC, University of Zagreb, Croatia
V. P. VAVILOV, Tomsk Polytechnic University, Russia
B. WIECEK, Technical University of Lodz, Poland

LOCAL ORGANIZING COMMITTEE

CHAIRMAN OF QIRT'2004 : J.-M. BUCHLIN
SECRETARY : J. ANTHOINE
von Karman Institute for Fluid Dynamics
Chaussée de Waterloo, 72
B-1640 Rhode-St-Genèse, Belgium
Phone: +32 2 359 96 11 / Fax: +32 2 359 96 00
E-mail: qirt2004@vki.ac.be

MEMBERS : C. DEBEER - S. DOSDA - S. SAUVAN

Instructions for authors

ABSTRACT

The participants are invited to submit to the QIRT'2004 chairman by **November 7, 2003** an extended abstract of 2 pages (A4 format) for oral and poster presentation, including key figures and the main results. Please indicate clearly:

- the title,
- the names of authors, (principal author first; for all authors: First (given) name (initials not acceptable), Last (family) name
- affiliation and address with phone, fax and e-mail
- list a maximum of five key words.
- Indicate your preference for "Oral Presentation" or "Poster Presentation."

The organisers strongly recommend Internet exchange.
E-mail: qirt2004@vki.ac.be

The authors will be notified by **January 15, 2004** about the acceptance of their papers and posters.

FULL LENGTH PAPERS

Authors are invited to submit the final form of the papers for oral presentation (6 pages) and the written versions of poster presentation (6 pages) to the conference secretary by **April 30, 2004**.

The papers must be written and presented in English, which is the official language of the conference, and written according to the Instructions for Authors, which will be available later on the QIRT'2004 web site. Authors are requested to provide only electronic version of their camera-ready papers as *.doc or *.pdf either on cd-rom or as e-mail attached file to qirt2004@vki.ac.be.

All the contributions will be distributed in a black and white copy at the conference.

All the papers delivered on April 30, 2004 will be reviewed for publication in the new **International Journal of QIRT**, to be published by Hermes-Lavoisier, the first issue of which is scheduled in 2004. Criteria for acceptance are: technical and scientific merit, paper written according to Instruction for Authors, drawing clean and clear, relevant literature and previous work properly quoted, correct grammar and English style. All the participants to QIRT'2004 will get a free subscription to the Journal of QIRT for two years (4 issues).

ORAL PRESENTATION

The Conference programme will include keynote papers, lectures and posters. Each lecture as oral presentation will last at most 20 minutes, followed by discussion at the end of presentation. Posters will be displayed during the Conference and the presentation time will be indicated in the final programme.

LCD (data projector) connected to PC, slide and overhead projectors will be available in each conference rooms. PC will support PowerPoint files, and usual movie formats (*.avi, *.mpg). We want to strongly recommend and encourage the authors to bring their own laptop to the conference for presentation. Note that Macintosh type computer will not be provided by organizer.