

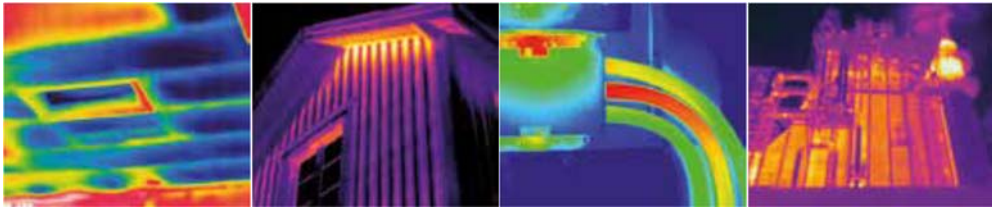
ITC International User Conference

Program

Coventry (UK), Windmill Village Hotel, September 2017, 27-28

Wednesday, September 27, 2017

08:00	Registration			
08:30	Welcome			
08:45	Quantification of energy losses and characterization of connectors' effective contact area by infrared thermography - P. Rodrigues Muniz, Brazil			
09:30	Infrared thermography in semiconductor reliability testing - F. Voogt, The Netherlands			
10:15	Break			
10:45	Procedure for the estimation of the thermal conductivity of samples with infrared thermography - R. Royo & M. Cañada, Spain			
11:30	Adding another dimension to thermography - H. Atkinson, UK			
12:00	Influence of UAV's flight on infrared measurements, - L. Lauriks, Belgium			
12:30	Lunch			
13:30	An Advanced Technique for Analyzing Breast Cancer Using Thermography - H. Jawzal, Turkey			
14:00	Complementary method using thermal imaging to black-globe thermometer methods in the estimation of heat stress on working man for work tasks with time durations shorter than instrumentation's typical response time - J. Miočinović, Serbia			
14:45	Break			
	Workshops – please refer to details on page 4			
15:15 - 16:45	Using UAVs for thermal inspections - D. Sällstedt, Sweden	Surface area calculation with the FLIR thermal cameras T5xx and Ex5 - R. Rinaldi, Italy	Stereo photography principles applied to thermal images - H. Atkinson, UK	Optical gas detection - S. Beynon, UK
18:15	Poster session - Visible/Infrared imaging for In-Cylinder Visualization of Liquid and Vapor Phase of Diesel Jets by Varying Swirl Motion, L. Sequino, Italy - Influence of weather parameters on IRT inspection of building envelopes: study of building materials in environmental chamber, L. Lauriks, Belgium - Thermography unveiling hidden hot spots on transformers, B. Tezak, Slovenia - Service life time estimation of PVC insulated low voltage electrical cables by thermographic inspection, P. Rodrigues Muniz, Brazil			
19:30	Dinner			



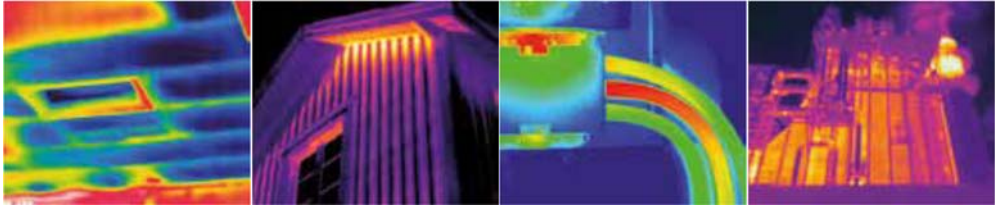
ITC International User Conference

Program

Thursday, September 28, 2017

08:30	Registration and Welcome			
	Building		CM/Electrical	
08:45	Thermography for Historic Buildings in the UK - <i>Rhee-Duverne, UK</i>		Infrared Thermography as an Inspection and Maintenance Technique in Industry - <i>E. Flores Guevara, Mexico</i>	
09:00				
09:15	Diagnosis of the exterior envelope of a school building using thermographic analysis - <i>A. Curado, Portugal</i>		Assessing Errors in Tank Level and Other Physical Measurements: FLIR Tools and ResearchIR - <i>R. Lucier, US</i>	
09:30				
09:45	Moist Air and Wet Walls in Buildings: Mass Transfer, Psychrometrics, Basic Calculations and Detection - <i>U. Feuerriegel, Germany</i>			
10:00				
10:15	Break			
10:45	Infrared Technology Application in Building Enclosures: Applications, ASTM Standards, and Limitations - <i>C. Grey, US</i>		Natural gas leak detection and quantification in the gas industry - <i>F. Sucha & L. Solin, Slovakia</i>	
11:00			Thermal growth phenomena in low voltage electrical installation, T. Chirita, RO	
11:15	Diagnosis of the envelope of an habitable attic using thermographic analysis - <i>K. Aleixo, Portugal</i>		Problems with using wind and load correction in electrical thermography - <i>B. Berry, Ireland</i>	
11:30				
11:45				
12:00				
12:15	Lunch			
	Workshops - please refer to details on page 4			
13:15 – 14:45	Using UAVs for thermal inspections - <i>D. Sällstedt, Sweden</i>	FLIR Tools+ and FLIR Report Studio - <i>T. Razavian, Sweden</i>	Advanced moisture calculations - <i>U. Feuerriegel, Germany</i>	Thermal inspections through meshes and windows - <i>J. Willis, UK</i>
14:45	Break			
15:15 – 16:45	Surface area calculation with the FLIR thermal cameras T5xx and Ex5 - <i>R. Rinaldi, Italy</i>	FLIR Tools+ and FLIR Report Studio - <i>T. Razavian, Sweden</i>	Optical gas detection, - <i>S. Beynon, UK</i>	Thermal inspections through meshes and windows - <i>J. Willis, UK</i>
16:45	End			

Program is subject to change



General Information

When

September 27–28, 2017

Where

Coventry, UK, at the Windmill Village Hotel

Conference fee

€ 419 excl. VAT (reduced € 399 excl. VAT for Thermography association members, students—verification necessary).

The fee includes conference participation and proceedings materials, lunch, and refreshments on Wednesday and Thursday, and dinner on Wednesday.

Registration

Use our online [registration](#) and pay either directly with a credit card or place an order to pay by invoice.

Accommodation

Attendees are required to book and pay for their accommodation themselves. We have pre-booked a number of rooms, and you will receive a booking code eligible for the special conference rate when booking. This is on a first come, first served basis.

How to get there

The [Windmill Village Hotel](#) is located close to the A45 road. The closest airports are London-Luton and Birmingham. The nearest train station is Coventry, from where you can get a bus to Windmill Farm, which is just a few minutes' walk from the hotel.

Camera Service Point

All thermal cameras need a bit of attention from time to time. During the conference, you will have the possibility to get it inspected by the FLIR Service department.

Questions?

Feel free to contact your closest ITC operations or e-mail SE@irtraining.eu

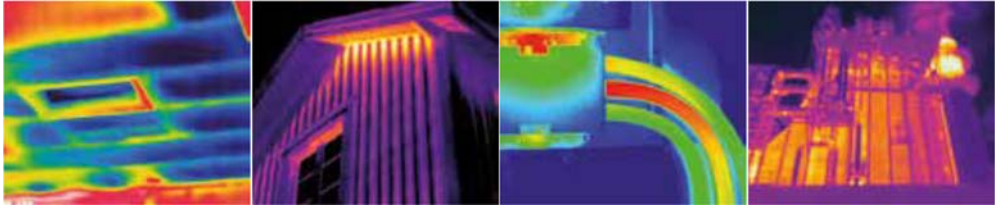
Registration Office

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Organization

The ITC User Conference is organized by ITC with the support of FLIR Systems.

Looking forward to meeting you in Coventry!



ITC International User Conference

Information about the workshops

Using UAVs for thermal inspections, D. Sällstedt, Sweden

UAVs elevate thermography! Learn about the importance of pre-flight preparations for successful flying missions and data-collection, and fly a UAV equipped with FLIR sensors assisted by experienced pilots. **You need to bring: curiosity and a coat.**

Surface area calculation with the FLIR thermal cameras T5xx and Ex5, R. Rinaldi, Italy

FLIR Systems latest camera models offer a distance measurement function. In this workshop, you will learn how to take advantage from it and how it can be applied in the field to determine the physical size of your objects or deterioration. **You need to bring: a laptop with FLIR Tools+ (or FLIR Reporter or FLIR Report Studio).**

Stereo photography principles applied to thermal images, H. Atkinson, UK

Add the 3d dimension to thermal images. In this workshop, you will learn to capture matching pairs of thermal images and then use them to create 3D thermal images. **You need to bring: a laptop with the freeware "Stereo Photo Maker" installed, download from <http://stereo.jp.org/eng/stphmkr/index.html>.**

Optical gas detection, S. Beynon, UK

Optical Gas Imaging (OGI) helps to protect the environment, prevent serious incidents, and to lower production costs. In this workshop, you will use a FLIR GF camera to detect "real laboratory" leaks. Skilled trainers will explain you the functionality and give hints for the best set-up of the system considering real life environmental conditions. **You need to bring: nothing but interest.**

FLIR Tools+ and FLIR Report Studio, T. Razavian, Sweden

FLIR Report Studio is a new add-in and Wizard for creating Word reports and templates. In this workshop, you will learn how to create reports and customized templates, and to receive valuable tips from our product experts. **You need to bring: a laptop with FLIR Report Studio installed.** FLIR Tools+ users can upgrade without cost. For more information please see http://flir.custhelp.com/app/answers/detail/a_id/1265/~flir-report-studio-faqs

Moist Air: Thermodynamic Calculations with Excel and VBA, U. Feuerriegel, Germany

Detecting moisture in buildings is a well-known application for IR. This workshop will give you the possibility to calculate what you see with your thermal camera (or not) and to understand the physics behind the phenomena. **You need to bring: a laptop with Microsoft Office Excel (Version 2010 or higher) and with the special Add-in file we will provide you with and some interest for simple Thermodynamics.** The workshop requires the Visual Basic for Applications (VBA) component to be installed with Microsoft Office.

Thermal inspections through meshes and windows, J. Willis, UK

In the industry, what the thermographer wants to measure is often hidden by means of protection. In this workshop, you will learn how to correctly measure temperature through IR windows and how to make realistic estimations through meshes. You will also get familiar with the "apparent transmissivity". **You need to bring: an open mind.**