

Press Release

InfraTec GmbH Infrarotsensorik und Messtechnik

Dresden, 30th March 2022

Optimising Additive Manufacturing Technologies Using Thermography **Real time measurement of temperature as a central process parameter.**

Only a precise understanding of the interaction between manufacturing machines and the materials used allows the serial production of complex parts by means of additive manufacturing while maintaining high quality and speed. High-speed thermography is of great importance in the development of these processes, as it allows the precise mapping of heat flows in metallic components and thus enables the understanding of one of the most important parameters for an optimal manufacturing process. Once optimal manufacturing parameters have been determined based on this intensive investigation of the processes, thermography further enables precise thermal control.

In our free of charge InfraTec online event "Optimising Additive Manufacturing Technologies Using Thermography" you will learn what challenges the processing of metals poses and how you can optimise manufacturing processes with thermography.

Online Event

"Optimising Additive Manufacturing Technologies Using Thermography"

Date: Wednesday, 6th April 2022

Option 1: 10:00 – 11:00 AM (CEST)

Option 2: 1:00 – 2:00 PM (EDT) (7:00 – 8:00 PM (CEST))

Language: English

Technical Lecture from Thermography Practice

"Influence of Laser Intensity Distribution on Process- and Parts Properties in the L-PBF –

New Process Insights through Thermography"

Speaker: Dr.-Ing. Florian Eibl, Aconity 3D GmbH

Registration

<https://register.gotowebinar.com/register/5591372189380258572?source=PR2>

Information: 1,478 characters (incl. spaces)

About InfraTec

The InfraTec infrared sensor and measurement technology company was founded in 1991 and has its headquarters in Dresden, Germany. The privately held company employs more than 240 employees and has its own design, manufacturing and distribution capabilities.

Infrared sensors, with electrically tunable filters based on MOEMS, count among the products of the infrared sensor division, next to spectrally single and multi-channel infrared detectors. These detectors can be used in gas analysis, fire and flame sensor technology and spectroscopy.

Headquarters

InfraTec GmbH
Infrarotsensorik und Messtechnik
Gostritzer Straße 61 – 63
01217 Dresden / GERMANY

Phone +49 351 82876-610
Fax +49 351 82876-543
E-mail thermo@InfraTec.de
www.InfraTec.eu

USA office

InfraTec infrared LLC
5048 Tennyson Pkwy.
Plano TX 75024 / USA

Phone +1 844-226-3722 (toll free)
E-mail thermo@InfraTec-infrared.com
www.InfraTec-infrared.com

Press Release

InfraTec GmbH Infrarotsensorik und Messtechnik

With its infrared measurement business unit, InfraTec is one of the leading suppliers of commercial thermal imaging technology. In addition to the high-end camera series ImageIR® and the VarioCAM® High Definition series, InfraTec offers turnkey thermographic automation solutions.

Contact

Company address:	InfraTec GmbH	Phone	+49 351 82876-610
	Infrarotsensorik und Messtechnik	Fax	+49 351 82876-543
	Gostritzer Str. 61 – 63	E-mail	thermo@InfraTec.de
	01217 Dresden	Internet	www.InfraTec.de

Image



Laser sintering of metal parts.

Headquarters

InfraTec GmbH
Infrarotsensorik und Messtechnik
Gostritzer Straße 61 – 63
01217 Dresden / GERMANY

Phone +49 351 82876-610
Fax +49 351 82876-543
E-mail thermo@InfraTec.de
www.InfraTec.eu

USA office

InfraTec infrared LLC
5048 Tennyson Pkwy.
Plano TX 75024 / USA

Phone +1 844-226-3722 (toll free)
E-mail thermo@InfraTec-infrared.com
www.InfraTec-infrared.com