



44<sup>th</sup> Freiburg  
MARCH 19–20, 2019



Infrared  
Colloquium

FRAUNHOFER INSTITUTE FOR  
APPLIED SOLID STATE PHYSICS IAF

## ACCOMMODATION

Rooms have been reserved at several hotels at special rates for the participants of the Freiburg Infrared Colloquium.

Please visit our website [www.infrared-workshop.de](http://www.infrared-workshop.de) for details on hotel reservations. Reservation deadline may vary depending on the hotel.

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## ORGANIZATION AND VENUE

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[www.infrared-workshop.de](http://www.infrared-workshop.de)

## CALL FOR PAPERS



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Panorama recorded by AIM HOT MCT 1024x768 10  $\mu\text{m}$  pitch MWIR engine

# 44<sup>th</sup> FREIBURG INFRARED COLLOQUIUM

Welcome to the 44<sup>th</sup> Freiburg Infrared Colloquium, the scientific workshop on materials, physics, technology and applications of infrared lasers and detectors.

The 44<sup>th</sup> Freiburg Infrared Colloquium will be held as a two day workshop on March 19–20, 2019 at the Fraunhofer Institute for Applied Solid State Physics IAF in Freiburg, Germany.

## IMPORTANT DATES

Abstract submission deadline	November 30, 2018
Notification of acceptance	December 21, 2018
Conference registration deadline	February 12, 2019

The Freiburg Infrared Colloquium has a limited number of participants. Registrations will be accepted on a "first come, first served" basis.

## INVITED SPEAKERS

Heinrich Figgemeier	AIM Infrarot-Module, Heilbronn, DEU
Bernhard Lendl	TU Wien, AUT
Qi Lu	Lancaster University, GBR
Olivier Saint-Pé	Airbus D&S SAS, Toulouse, FRA
David Ting	Jet Propulsion Lab., NASA, Pasadena, USA
Rui Q. Yang	University of Oklahoma, USA
Hugo Zbinden	Université de Genève, CHE

## SCOPE

Infrared laser and detector technology is key for the development of high-performance systems for defense, security and space applications. In addition to those traditional fields, the role of infrared lasers and detectors in areas like medical diagnostics, gas analysis, spectroscopy as well as material processing and testing is growing rapidly.

The Freiburg Infrared Colloquium brings together scientists, development engineers and users of infrared lasers and detectors. Topics cover physics and material science of infrared components as well as device fabrication and system aspects. To foster a lively exchange during the workshop, a poster session is scheduled for the first afternoon.

## ABSTRACT SUBMISSION

Authors are invited to submit an abstract until November 30, 2018 in PDF file format. When submitting your abstract please indicate in your email whether you prefer an oral or a poster presentation. Abstracts are limited to two pages including figures. Title, author(s) and affiliation(s) must be included. The abstracts of all accepted contributions will be published in an abstract booklet, which will be distributed among the participants at the workshop.

Further details and templates can be found on  
[www.infrared-workshop.de](http://www.infrared-workshop.de)

## CONFERENCE CHAIR

Robert Rehm

Fraunhofer IAF, Freiburg, DEU

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