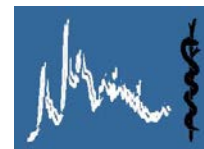


**Workshop “FT-IR Spectroscopy in Microbiological
and Medical Diagnostics”, Robert Koch-Institute
October 19-20, 2017**



Dear Colleagues

It is our great pleasure to invite to the 11th workshop “*FT-IR Spectroscopy in Microbiological and Medical Diagnostics*”. The workshop is being held at the Robert Koch-Institute (RKI) October 19-20, 2017 and is organized by the RKI and the International Society for Clinical Spectroscopy (CLIRSPEC). The 2017 workshop will continue the tradition of highlighting the relevant fields of applications of biomedical vibrational spectroscopy and will bring together scientists from around the world to discuss, network & encourage the application of IR and Raman spectroscopic techniques. Following the lines of the last FT-IR workshops, major points of discussion will be the progress in vibrational spectroscopic research, recent applications in various fields of microbiology, biomedicine and new technological developments. For more details regarding the workshop, please review the descriptions on the website <http://www.ftir-workshop.org>.

Topics

- Microspectroscopic characterization of microbial colonies, biofilms and microbial single cell investigations
- Vibrational microspectroscopy studies of individual human, animal, or plant cells
- Microbiological analyses in the pharmaceutical, food, and water supply industries, and in biotechnology
- Cell/drug interactions, resistance development and testing
- New trends in spectral data analysis and hyperspectral image processing
- Mid-IR and Raman systems - new technologies

Important Dates

Online registration will be possible after:	May 29, 2017
Abstract submission possible after:	July 2, 2017
Deadline for abstract submission:	September 1, 2017
Notification of abstract acceptance or rejection:	September 12, 2017
Deadline for registration:	October 2, 2017

Program Structure

The workshop will be organized along two days of lecturing (20 minutes for each talk), discussions (5 minutes after each talk) and a poster presentation session.

Confirmed Speakers

Max Diem	Bayden Wood	Phil Heraud
Achim Kohler	Janina Kneipp	Ganesh Sockalingum
Richard Dluhy	Werner Mäntele	Luise Peixe
Royston Goodacre	Jean-Paul de Vera	Jörg Rau
Giovanni Longo	Philip N. Bartlett	Matthew Baker
Malgorzata Baranska	Michael Wagner	Monika Ehling-Schulz
Christoph Krafft	Ariane Deniset-Besseau	Michael Hermes

Registration

Online registration will be possible after May 29, 2017 at <http://www.ftir-workshop.org>

Deadline for registration: **October 2, 2017**

Abstracts

Abstracts (in English) are required for lecture and poster presentations. The deadline for abstract submission is: **September 1, 2017**

Abstracts should be prepared in a data format which is compatible with Microsoft Word (*.doc. or *.docx). When preparing an abstract please follow the guidelines given at the website. Send abstracts as e-mail attachments to FTIR-Workshop@rki.de. For your convenience we have also prepared an abstract template which can be downloaded from the website of the FT-IR workshop (<http://www.ftir-workshop.org>).

Authors whose abstracts are accepted for presentation will be expected to attend the workshop and make their presentation. Abstracts of all lectures and posters will be published in an abstract booklet available at the registration desk of the workshop and will be published after the workshop at the FT-IR workshop website.

Notification of abstract acceptance or rejection: **September 12, 2017**

Questions concerning abstract submission, or the scientific content of the FT-IR workshop should be directed to the organizers (e-mail: FTIR-Workshop@rki.de).

Organization

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Dr. Jürgen Schmitt, Synthon GmbH, e-mail: Schmitt@synthon-analytics.de