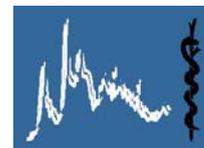


**Workshop “FT-IR Spectroscopy in Microbiological  
and Medical Diagnostics”, Robert Koch-Institute  
October 10-11, 2019**



## Dear Colleagues

As you probably already know, the 12th edition of the workshop series “*FT-IR Spectroscopy in Microbiological and Medical Diagnostics*” will be held in Berlin, Germany, October 10-11, 2019. We courteously invite you to participate. We are looking forward to seeing you in Berlin in October for interesting presentations, fruitful discussions and a nice come-together.

## The Scope

The 2019 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 spectroscopy for the characterization and differentiation of intact microbial, plant, animal or human cells. 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 <https://www.ftir-workshop.org>.

## Topics

- Vibrational spectroscopy of microbial colonies, biofilms, population analyses and for single cell investigations
- Diagnostic applications of IR and Raman spectroscopy in bio-medicine
- Microspectroscopic studies of individual human cells
- Vibrational spectroscopy for studying cell/drug interactions and for antimicrobial resistance testing
- Epidemiological studies, maintenance of culture collections, therapy control, investigation of infection chains, hygiene control
- Microbiological analyses in the pharmaceutical, food, and water supply industries, and in biotechnology
- New trends of spectral data analysis

## Important Dates

|  |                           |
|--|---------------------------|
| Online registration will be possible after       | <b>June 5, 2019</b>       |
| Abstract submission possible after               | <b>June 19, 2019</b>      |
| Deadline for abstract submission:                | <b>August 23, 2019</b>    |
| Notification of abstract acceptance or rejection | <b>September 6, 2019</b>  |
| Deadline for registration:                       | <b>September 20, 2019</b> |

## Confirmed Speakers (as of April 8, 2019)

|                |                  |                           |
|----------------|------------------|---------------------------|
| Max Diem       | Bayden Wood      | Phil Heraud               |
| Jörg Rau       | Markus Kostrzewa | Maria Paula Matos Marques |
| Ioan Nothinger | Ashraf Ismail    | Lee Kang Soo              |

## Program Structure

The workshop will be organized along two days of lecturing (15 minutes for each talk), discussions (5 minutes after each talk) and a poster presentation session.

## Registration

Online registration will be possible after June 5, 2019 at <https://www.ftir-workshop.org>

Deadline for registration: **September 20, 2019**

## Abstracts

Abstracts (in English) are required for lecture and poster presentations. After reviewing the submitted abstracts, authors will be informed about the decision. Accepted abstracts will be presented either as oral or as poster presentations.

Abstracts must be submitted using the official abstract template. Each abstract is assigned an abstract number. Once you have submitted, you will receive the abstract number. Please refer to this abstract number in any further correspondence.

Abstract submission possible after **June 19, 2019**

Deadline for abstract submission: **August 23, 2019**

Authors whose abstracts are accepted for presentation will be expected to attend the workshop and make their presentation. After the workshop all accepted abstracts will be put on the website at <http://www.ftir-workshop.org>.

Notification of abstract acceptance or rejection **September 6, 2019**

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

## Organization

Dr. Peter Lasch, RKI Berlin, Phone: +49 30 18754 2259, e-mail: [LaschP@rki.de](mailto:LaschP@rki.de)  
Dr. Jürgen Schmitt, Synthon GmbH, e-mail: [Schmitt@synthon-analytics.de](mailto:Schmitt@synthon-analytics.de)  
CLIRSPEC - The International Society for Clinical Spectroscopy, <https://clirspec.org/>