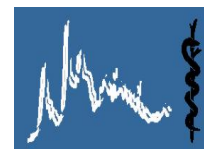


**Workshop “FT-IR Spectroscopy in Microbiological
and Medical Diagnostics”, Robert Koch-Institute
October 15-16, 2015**



Dear Colleagues

As you probably already know, the 10th edition of the workshop series “*FT-IR Spectroscopy in Microbiological and Medical Diagnostics*” will be held in Berlin, Germany, October 15-16, 2015. 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 2015 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 <http://www.ftir-workshop.org>.

Topics

- Microspectroscopic characterization of microbial colonies, biofilms, population analyses, single cell investigations
- Diagnostics in bio-medicine
- Microspectroscopic studies of individual human cells
- Cell/drug interactions, resistance development and 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 in spectral data analysis

Program structure

The workshop will be organized along two days of lecturing (15 or 20 minutes for each talk) discussions, and poster presentations.

Registration

Online registration will be possible after June 1, 2015 at <http://www.ftir-workshop.org>

Deadline for registration: **October 2, 2015**

Abstracts

Abstracts (in English) are required for lecture and poster presentations.

Deadline for abstract submission: **August 30, 2015**

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 below. Send abstracts as e-mail attachments to info@ftir-workshop.org.

Format of the abstract: please prepare the abstract on one page in the following form:

<i>Title of the Lecture or Poster</i> <one line skipped> Name of the author(s) <one line skipped> Institution, Address <one line skipped> Text Text TextTextTextText Text Text Text Text Text Text Text Text Text Text Text <one line skipped> References	Times New Roman, bold, italics, 14 pt centered 14 pt Times New Roman, 14 pt, centered 12 pt Times New Roman, 12 pt, centered 12 pt Times New Roman font, 12 pt, single spaced, left justified 12 pt Times New Roman 10 pt
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References should be cited as follows:

- [1.] M. Beekes, P. Lasch, D. Naumann, *Vet Microbiol.* 123, 305-319 (2007).
- [2.] D. Naumann, in: P. Lasch, J. Kneipp (eds.): "*Biomedical vibrational spectroscopy*", p. 1-8, John Wiley & Sons, Inc. (2008).

The name of the presenting author should be underlined. The whole abstract should fit into a portrait-oriented rectangle of a size of 160 x 245 mm (paper format DIN A4). Please set the width of all margins to 25 mm.

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 on our website.

Invitation and registration forms are available also from our website:

<http://www.ftir-workshop.org>

Organisation

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