Accommodation

The following hotels in Tübingen will have rooms for your accommodation available. You should make your reservation until: **September 7th**

After this date, we can not guarantee for the availability of the rooms.

**Hotels:**

- **Hotel „Stadt Tübingen“**
  http://www.hotel-stadt-tuebingen.de

- **Hotel Lamm**
  http://www.hotel-lamm-tuebingen.de

- **Hotel „Alte Krone“**
  http://www.alte-krone-tuebingen.de

- **Hotel Venezia**
  http://www.hotel-venezia-tuebingen.de

Further informations about accommodation and the latest leaflet you will find on our homepage:
http://www.mnf.uni-tuebingen.de/fachbereiche/chemie/aktuelles.html

Registration

We are looking forward to welcome PhD students from different locations and scientific fields at our workshop at the university campus of the small but lovely city of Tübingen.

**There is no participation fee!**

This workshop will be enriched by active participation of the students with presenting their research topic or project with a poster.

To support this, the accommodation during the workshop will be organized and paid for the first 20 applying students presenting a poster.

**Contact:**

Please send your application and abstract for poster presentation to the following address:

sekretariat-gauglitz@iptc.uni-tuebingen.de

**Deadline for application:** September 20th

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University of Tübingen
Faculty of Science · Chemistry Department
Auf der Morgenstelle 18 · 72076 Tübingen · Germany
Telefon +49 7071 29-72651 · Telefax +49 7071 29-5774
http://www.mnf.uni-tuebingen.de/fachbereiche/chemie/
In recent years, many calls in European and national programs deal with the improvement of clinical diagnostics in Hospitals, for practitioners, and even for ambient assisted living.

Cooperation between medicine, physics, biochemistry, engineering and natural sciences has influenced the development of instrumentation and methods and has improved feasibility. This will allow updated regulations such as RiliBÄK.

In this international and interdisciplinary field, priority questions arise with regard to necessary parameters to be measured, interesting concentration ranges, fields of application, and optimization of detection methods as well as immuno-analytical assays.

The combination of lectures given by nationally and internationally known colleagues and the representatives of industry will allow to extend the knowledge of the PhD students and to inform beginners about pros, cons and requirements in the presented fields.

The event offers a platform for PhD students who are involved in projects related to health diagnostics to exchange their gained knowledge and experience.

We are looking forward to interactive discussions between those concerned with application and those concerned with development.

Our three-day workshop starts at 2 pm on Monday afternoon, 7th of October, and will end at 2pm on Wednesday, 9th of October.

- **Broad range of keynote lectures**
- **Poster presentations by PhD students** (10am, October 8th)
- **Guided tours through the labs of Prof. Gauglitz, Prof. Weimar and Prof. Schleicher** (October 7th - 9th)
- **Get-together (7pm, October 8th)**

**VENUE**
University of Tübingen
Chemistry Department
Building A / 3rd Floor
Auf der Morgenstelle 18
72076 Tübingen
Germany

**INVITATION**

**SCIENTIFIC AND SOCIAL PROGRAM**

**KEYNOTE LECTURES**

**Nanodem and Hemospec: two novel European projects for the detection of immunosuppressants in transplanted patients and for sepsis diagnosis**
F. Baldini - Department of Optoelectronics & Photonics, Firenze (Italy)

**Trends in optical detection**
G. Gauglitz - University of Tuebingen

**Beyond the Central Lab - Pathways towards Near-Patient Diagnostics**
M. Hanke - QIAGEN Lake Constance GmbH, Stockach

**The Implementation of POCT Quality Standards Optimizes the Clinical Process Reliability**
P. Luppa - University Hospital "Klinikum rechts der Isar", Munich

**Latest Developments in Diagnostics**
M. Niedrig - Robert Koch Institute, Berlin

**Antibody-Antigen Based Diagnostics**
S. Öztürk - TÜBİTAK Marmara Research Center (Turkey)

**Fluorescent labels for immunoassays or optical biosensors based on fluorescent probes**
G. Orellana - Universidad Complutense de Madrid (Spain)

**Label-free biosensors in diagnostics**
G. Proll - Biametrics GmbH, Tuebingen

**Clinical utility of medical laboratory: State of the art and needs**
E. Schleicher - University Hospital, Tuebingen

**Functional Aspects of Biomarkerpanels for the Diagnosis of Hemophagocytic Diseases**
M. Schneider - University Hospital, Ulm

**Thin film photodetectors for optical biosensing**
M. Schubert - University of Stuttgart

**Breath Analysis: Basics and Applications**
U. Weimar - University of Tuebingen

http://www.mnf.uni-tuebingen.de/fachbereiche/chemie/aktuelles.html