

## Venue and accommodation

The workshop will be held at the PTB campus in Braunschweig. PTB is the National Metrology Institute of Germany with scientific and technical service tasks. PTB measures with the highest accuracy and reliability – metrology as the core competence. PTB stands for progress and reliability in metrology with the benefit of society, trade and industry, and science.

**Braunschweig** is an old, formerly very important residential city and offers many, very beautiful historical buildings, a great cultural offer and allows an interesting insight into German history. The Braunschweig region is an important European location for research and has been the most intensive region for research and development within the European Union since 2007 in terms of R&D expenditure.

Accommodation can be arranged in the center of Braunschweig (8 km from PTB campus). A list of hotels of different price categories will be provided on the BIOFMET website under the following link: [www.biofmet.eu](http://www.biofmet.eu)

## Organizers

### Local Organizing Committee

Kai Moshammer  
Moaz Shehab

### BIOFMET Partners



DANISH  
TECHNOLOGICAL  
INSTITUTE



## Workshop on measurements of solid and liquid Biofuel Key Parameters

February 24 – 25, 2022  
Braunschweig, Germany



The EMPIR initiative is co-funded by the European Union's Horizon 2020 research and innovation programme and the EMPIR Participating States.

## About BIOFMET

The BIOFMET project seeks to develop new metrological methods for biofuel material analysis. It aims on the improvement of quality control for liquid and solid biofuels, the comparability of measurements of biofuel key parameters, a more efficient use of biofuels with minimalized emissions as well as its fair trade.

Various European partners are involved in the project, from leading national metrology institutes (NMI) and designated institutes (DI) that are active in the field of biofuels and have broad experience and expertise in physics and chemistry, as well as universities with experience in photonics and electromagnetism, signal and image processing. The consortium is completed by partners from the biomass industry.

BIOFMET is funded by the EMPIR (European Metrology Programme for Innovation and Research) programme from EURAMET (European Association of National Metrology Institutes). This programme is co-financed by the Participating States and the European Union's Horizon 2020 research and innovation programme.

## Scope

The workshop is intended to present the work in the BIOFMET project to interested parties from industries and research and to offer an open forum for discussions on the basis of lectures and posters about the current project progress.

The core of the workshop will include topics as

- The development of **traceable measurement methods** for energy content, impurities, ash and moisture content
- **Reference materials** for online traceability
- Development of new **transfer standards**
- New **sampling strategies**
- Improvement of **standards**

## Registration

### Date & Location

February 24-25, 2022

Physikalisch-Technische Bundesanstalt  
Seminarzentrum, Bundesallee 100  
38116 Braunschweig, Germany

### End of registration:

January 28, 2022

Further information and registration form at [www.Biofmet.eu](http://www.Biofmet.eu)

### COVID19 hygiene rule:

Participation is only permitted with a proof of vaccination, full recovery or a negative daily antigen-test.