

## The Center of Pharmaceutical Engineering at the Technische Universität Braunschweig

The conference is organized by the PVZ – Center of Pharmaceutical Engineering at the Technische Universität Braunschweig – Institute of Technology. PVZ is an interdisciplinary research center at the interface of chemical and biochemical engineering, pharmacy, microtechnology and production engineering. It focuses on research and development of advanced processes with chemical or biotechnological synthesis, isolation, purification and formulation of new APIs, with a processes preferentially operated in a continuous mode.

Promising new drug candidates commonly bring along challenges of poor solubility, low membrane permeability and delicate structures. Important objectives in the development and manufacturing of future products are therefore:

1. Providing customized, gentle and cost-effective manufacturing processes and layout methods at different scales as well as corresponding scale-up methods, as an essential basis for the production of cost-efficient medicines
2. Efficient formulations and related processes for poorly soluble drugs and delicate bio-pharmaceuticals for production of effective medicines
3. The design of miniaturized production equipment for medical products at small scale for individualized medicines

### Call for Papers

#### Important dates

Abstracts due	June 30 <sup>th</sup> , 2017
Notification of acceptance	July 14 <sup>th</sup> , 2017
Late submissions for posters	August 9 <sup>th</sup> , 2017
Acceptance upon space availability	within 5 days
Program available online	July 14 <sup>th</sup> , 2017

#### Submission format

Abstracts should be prepared using the two-page format given at our website [www.pvz-sphere.de](http://www.pvz-sphere.de).

#### Presentation formats

Applications for oral and poster presentations are invited.

Oral presentations will be 15 + 5 min.

For posters, a 3 min introductory presentation is scheduled, followed by a dedicated poster session on Wednesday, September 6<sup>th</sup>, 2017.

#### Organizing Committee

Prof. Dr. Heike Bunjes  
Prof. Dr. Andreas Dietzel  
Dr. Jan Henrik Finke  
Prof. Dr.-Ing. Arno Kwade  
Prof. Dr. Christel Müller-Goymann  
Prof. Dr.-Ing. Stephan Scholl (Chair)  
Dr.-Ing. Jörg Stieghan




**SPhERe**

## 2<sup>nd</sup> International Symposium on Pharmaceutical Engineering Research

Call for Papers and Invitation  
September 6<sup>th</sup> - 8<sup>th</sup>, 2017  
Braunschweig, Germany



## Scope of the Symposium

The International Symposium on Pharmaceutical Engineering Research addresses current topics at the interface of chemical and biochemical engineering, pharmacy, pharmaceutical manufacturing, micro and process technology. It provides a platform for lively discussions and exchange between these disciplines.

## Call for Papers – Key Topics

The Symposium invites presentations especially to three focal topics on

- Production processes for biopharmaceuticals and chemical APIs
- Advanced design and processing of liquid and solid preparations
- Microsystems for analytics, screening and continuous processing

Additionally, all contributions with relevance to pharmaceutical engineering and the scope of the symposium are invited. Industrial contributions are specifically encouraged.

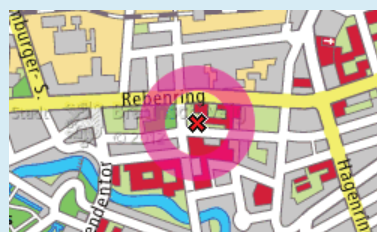
## Keynote and Invited Lectures

As confirmed until March 2017

- Dr. Martin Schubert, UCB, Belgium
- Dr. Karin Klokke, Sandoz/Novartis, Slovenia
- Prof. Dr.-Ing. Matthias Kind, KIT Karlsruhe, Germany
- Prof. Dr. Massimo Morbidelli, ETH Zürich, Switzerland
- Prof. Dr. Nicolas Szita, UCL London, UK

## Conference Venue

The conference will be held at the Haus der Wissenschaft (House of Science) at Technische Universität Braunschweig. It is located at *Pockelsstraße 11* in the immediate vicinity of the main campus of the Technische Universität.



## Public Transportation

Next international airport is located in Hannover, approx. 65 km from Braunschweig. Braunschweig has an hourly service by ICE trains with direct lines to Frankfurt/Main and Berlin main stations.

## Technische Universität Braunschweig

Founded in 1745 as Collegium Carolinum, the Technische Universität Carolo-Wilhemina zu Braunschweig is the oldest German institution of higher engineering education. Today, almost 19,500 students and 6,000 academic and non-academic staff are employed. It offers 71 undergraduate and graduate programs, the majority of those with a 6 semester Bachelor and a 4 semester Master program. Since winter semester 2014/2015, Technische Universität Braunschweig offers the only university Master program in Pharmaceutical Engineering in Germany.

## Braunschweig

The city of Henry the Lion has about 250,000 inhabitants and is situated in the northern part of Germany. It was first mentioned in 1031 and today combines a dynamic economic and trading environment with a broad cultural life as well as an active research and science community.

## Fees and Registration

Registration is online through our website [www.pvz-sphere.de](http://www.pvz-sphere.de).

Early Bird Fee for registration until July 28<sup>th</sup>, 2017

Full participant (Industry)	550,- €
Full participant (Academia)	320,- €
Reduced Fee (Doctoral candidates, Students, accompanying persons)	180,- €

Late registration after July 28<sup>th</sup>, 2017

Full participant (Industry)	600,- €
Full participant (Academia)	370,- €
Reduced Fee (Doctoral candidates, Students, accompanying persons)	210,- €

Fees include get together reception on September 6<sup>th</sup>, proceedings, beverages, lunches on September 6<sup>th</sup> - 8<sup>th</sup>, and conference dinner on September 7<sup>th</sup>, 2017.

Reception on September 6<sup>th</sup>, 2017 will be held at the new research building of the Center for Pharmaceutical Engineering. Also guided tours through the new research facilities will be offered.

## Contact

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