3 REASONS TO ATTEND SPhERe 2019

• Discuss low-cost and individualized drug production approaches with colleagues from academia and industry.

• Connect with regulatory and industry representatives about key topics of pharmaceutical engineering.

• Grow your understanding of innovative technologies and actual developments concerning production and processes of pharmaceutical engineering.

REGISTRATION FEES
Registration is possible via the conference website www.pvz-sphere.de. Confirmation of registration will be sent immediately by email. The invoice including payment confirmation will be sent by email on short notice.

Registration Fees
Participants from:
Industry: Early bird 1) 550 EUR, Late registration 600 EUR
Academia: 320 EUR, Doctoral cand. 2), students 2), accompanying persons 150 EUR

1) Early bird registration is possible by 13 August 2019.
2) Proof of status (student card required).

The registration fee includes the conference ticket, electronic proceedings, beverages, lunches, and conference dinner on 26 September 2019. Cancellations are only accepted in writing. In case of no-show the conference fees will not be refunded.

CALL FOR PAPERS
Oral presentations and posters are welcome. The abstract should be prepared using the two-page format given at the conference website www.pvz-sphere.de.

Deadline for Abstract Submission: 21 June 2019
Notification of acceptance of your abstract by 26 July 2019.

Presentation Formats
Oral presentations will be 20 min (including 5 min discussion). For posters, a 3 min introductory presentation is scheduled, followed by a dedicated poster session on Wednesday, 25 September 2019.

This conference is sponsored by Thermo Fisher Scientific.

IMPORTANT DATES
Abstract Submission Deadline: 21 June 2019
Notification of Acceptance: 26 July 2019
Early Bird Registration Deadline: 13 August 2019
Conference Date: 25 – 27 September 2019

GENERAL INFORMATION
Venue and Date
TU Braunschweig • Center of Pharmaceutical Engineering • Franz-Liszt-Str. 35 A • 38106 Braunschweig • Germany

Conference Dinner
Herzog Anton Ulrich-Museum • Museumstraße 1 • 38100 Braunschweig

Scientific Committee
Andreas Dietzel • Arno Kwade • Gerlinde Benninger • Heike Bunjes • Ludger Beerhues • Stephan Scholl (chairman)

www.pvz-sphere.de

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3rd International Symposium on Pharmaceutical Engineering Research

CONFERENCE DATE
25 – 27 September 2019
TU Braunschweig, Germany
WELCOME

The 3rd International Symposium on Pharmaceutical Engineering Research – SPheRe 2019 – offers an exciting, interdisciplinary forum addressing current and future trends in pharmaceutical engineering research. New challenges, technologies, and processes impact the potential to develop low-cost, effective and customized drugs. SPheRe brings together pharmacists, process and production engineers as well as microtechnologists from academia and industry to share knowledge and boost multidisciplinary exchange and collaborations. We provide an ambitious programme with plenary lectures presented by keynote and invited speakers as well as selected oral & poster presentations.

It is our great pleasure to introduce our HOT TOPIC Session on Cannabis for Medicinal Use – Production Challenges and Legal Requirements. This special session focuses on the current Cannabis debate and addresses the challenges on the way to effective and safe Cannabis products, which best serve patients’ health and meet the regulation aspects.

CONFERENCE TOPICS ARE:
- Production Processes for Biological and Chemical API
- Advanced Design and Processing of Liquid and Solid Preparations
- Microsystems for Analytics, Screening and Continuous Processing

We look forward to your valued contributions and to welcoming you in Braunschweig, the LionCity!

Sincerely yours
Prof. Dr.-Ing. Stephan Scholl
Conference chair

THURSDAY, 26 SEPTEMBER 2019

8:30 am | SESSION II
Production Processes for Chemical API
Invited Speaker: Shaping the Process to fit the Assets: The Lonza Way
Andreas Klein, Lonza AG, Visp, Switzerland
Selected oral presentations

3:00 pm | Coffee Break

3:15 pm | SESSION IV
Formulation
Keynote: Pellets 4.0 – Advanced Fluidized Bed Technologies
Annette Graue, Clariant Pharmaceutical Services GmbH & Co. KG, Binzen, Germany
Selected oral presentations

4:50 pm | SESSION V
Pharmaceutical and Biological Processes
Invited Speaker: Process Intensification in Viral Vaccine Manufacturing
Udo Reich, University of Magdeburg & MPI for Dynamics of Complex Technical Systems, Magdeburg, Germany
Selected oral presentations

6:15 pm | Short Summary of Conference Day
7:30 pm | Conference Dinner | Herzog Anton Ulrich Museum

FRIDAY, 27 SEPTEMBER 2019

8:30 am | SESSION VI
Preparations Liquid/Solid I
Keynote: Amorphous Drugs and Dosage Forms – New Developments and Perspectives
Thomas Rades, University of Copenhagen, Denmark
Selected oral presentations

10:05 am | Coffee Break

10:30 am | SESSION VII
Preparations Liquid/Solid II
Invited Speaker: Design and Processing of Solid Dispersions in Pharmaceutical Industry
Carsten Timpe, F. Hoffmann-La Roche AG, Basel, Switzerland
Selected oral presentations

12:15 pm | Poster Award
12:30 pm | Concluding Remarks, General Discussion, Farewell