

Organization: Registration and Fees

Organization

TU Braunschweig
Institut für Partikeltechnik

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Participation conditions

- Registration is possible until 10th September 2018
- Reduced fees for early registration (until 15th July 2018) and employees of university as well as GVT-members
- Minimum number of participants: 10
- Cancellation (by email or fax):
 - cancellation until 10th September 2018: a service fee of 50 € has to be paid
 - later cancellation: 80 % of the participation fee will be charged but course documents will be provided
- The personal data will be provided to the iPAT for the proper conduct of the course

Individual Seminar:

As a special offer, we provide a seminar on stirred media mills in your company related to your applications and requirements.

If you are interested in an individual seminar, please contact us for further information. The Seminar can be held in English or German.



Participation fee

The participation fee includes all course materials, refreshments and lunch during the seminar as well as the dinner.

	Regular Price*	reduced A*	reduced B*
Participation fee	1290 €	1150 €	890 €

A: early registration

B: member of university

*: members of GVT: -50 €

Please visit our website for registration and further information: www.ipat.tu-braunschweig.de/isgdisgd

Payment

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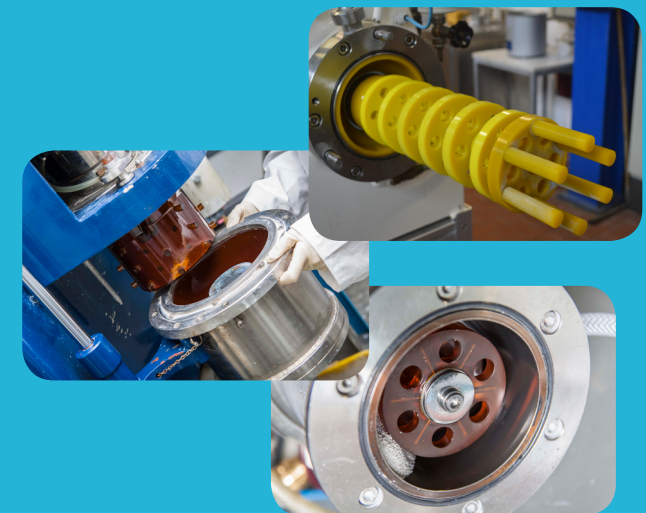
The personal data of the participants will be provided to the Institut für Partikeltechnik for a proper processing of the course.

In cooperation with DECHEMA e.V.

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Grinding and Dispersing with Stirred Media Mills

Seminar and Workshop



8th - 10th October 2018
Braunschweig

Organizer:

GVT Forschungs-Gesellschaft Verfahrens-Technik e.V.

GVT Forschungs-Gesellschaft
Verfahrens-Technik e.V.

Focus

Operation and Process Design of Stirred Media Mills

Grinding and dispersing with stirred media mills represent important process steps in many branches of industry. The knowledge of the physical phenomena inside the mill and the industrial applications have increased significantly in the last 15 years.

The course gives an overview about today's mill designs available on the market and about the physical phenomena of grinding and dispersing in stirred media mills. Within the workshop you will be trained how this knowledge can be used for the design and optimization of grinding and dispersing processes. Furthermore, process models to describe the grinding process in stirred media mills are presented and their application to the practice is demonstrated.

Moreover, the effect of important operating parameters on the grinding and dispersing result as well as the transport behaviour and operating modes of stirred media mills are presented. Last but not least, design aspects of stirred media mills as well as questions of scale-up are addressed.

The seminar includes lectures, discussion, experimental demonstration and calculation examples for the design and operation of stirred media mills.

Lecturer:

- Prof. Dr.-Ing. A. Kwade
- Dr.-Ing. I. Kampen
- Dr.-Ing. S. Breitung-Faes
- and others

Content

Seminar & Workshop

The seminar addresses the basic theory of grinding and dispersing in stirred media mills, as well as models and methods for process design and optimization. Theory is lectured and the practical application is taught by an integrated workshop. During the workshop participants are guided through calculation examples in order to apply and practice models for process design and scale-up. Individual questions are welcome. Overall, the content of the seminar and the workshop is:

Introduction:

- Mill types
- Particle size analysis

Fundamentals:

- Influence of operating parameters
- Optimization of grinding operations
- Application of process models: design and optimization

Operation of stirred media mills:

- Transport behavior
- Operation mode
- Grinding media wear

Scale-up:

- Methods of scale-up
- Application examples

Program:

- Monday: Introduction and fundamentals, city tour and dinner
- Tuesday: Process models and optimization, including exercises, institute tour with experimental demonstration
- Wednesday: Operation of stirred media mills and scale-up, including exercises

9th International Symposium Fine Grinding and Dispersing Information and Call for Abstracts

The 9th International Symposium on Fine Grinding and Dispersing will take place on:

11th and 12th October 2018
Braunschweig/Germany

Main topics:

- Innovations in wet grinding and dispersion technology, including milling, dispersing and stabilization of nano particles as well as organic materials
- New findings in the field of dry fine grinding, including new developments and industrial applications of dry grinding/dispersing machines
- Innovative methods for the characterization of particulate systems
- Simulation and modeling methods for milling and dispersing operations

The symposium will be an international forum of experts from industry and research for grinding and dispersing operations in different applications.

We believe that your participation will be a significant benefit for this event.

Call for Abstracts:

We would be pleased about your active contribution to the symposium. Particular welcome are presentations covering the main topics.

- Deadline for submitting abstracts: 04th of May 2018
- Further information can be found online: www.ipat.tu-bs.de/en/veranstaltungen