

## Course information

Duration of the course: 2 days

Attendance: approx. 10

Course charge contains:

- 2 overnight stays with breakfast
- Catering during the event
- Lunch / dinner
- Seminar documents

Fee: EUR 1,000.00 + VAT

## Organization

Mrs. Tannert-Koch will advise you in all questions.

### Kontakt

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## Our special service for you

We also offer inhouse application or service seminars according to your specifications. If you are interested, please do not hesitate to contact us.

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## Registration

- Yes, I want to take part in the application seminar "Analysis and Optimization of Wet Grinding Processes – from Laboratory to Production Scale" at a price of EUR 1,000.00 + VAT.

Dates (please mark the applicable date):

- 11. - 12.04.2018
- 14. - 15.11.2018

- No, I cannot take part at the date mentioned above but would like to be informed about further dates.

Please enter the following data:

Company: \_\_\_\_\_

Address: \_\_\_\_\_

First and last name: \_\_\_\_\_

Tel.: \_\_\_\_\_

E-mail: \_\_\_\_\_

Place, Date \_\_\_\_\_ Signature \_\_\_\_\_

Kindly return your filled-in registration form by fax to +49 9287 797 149 or register online at [www.netzsch.com/seminar](http://www.netzsch.com/seminar)



# Application Seminar

Analysis and Optimization of  
Wet Grinding Processes – from Laboratory  
to Production Scale

# Application Seminar

Analysis and Optimization of Wet Grinding Processes – from Laboratory to Production Scale

**NETZSCH**

Application seminar with the goal to impart the theoretical background and the function of agitator bead mills. The influence of important operating parameters on the grinding process is discussed and different procedures are shown. The explained influences are demonstrated by means of practical tests on the laboratory mill *LABSTAR* as well as on a production size machine. Afterwards we speak about the topics characterization of particle sizes and stabilization of suspensions (dispersing of finest particles down to the nanometer range).

## Target group

Users of agitator bead mills in the fields

- Production
- Process technology
- Laboratory
- Research & Development

We would like to invite you to a Welcome Dinner at 7:00 pm on the evening before the seminar begins.

On the first day of the seminar, we will pick you up from the hotel at 8:00 am. The seminar will start at 8:30 am at NETZSCH-Feinmahltechnik GmbH.

We will provide all of the seminar materials along with detailed information regarding the program.

We look forward to winding down the first day of the seminar with you with some good food and a relaxed atmosphere. Of course, snacks and lunch will be provided during the seminar.

Register now! [www.netzsch.com/seminar](http://www.netzsch.com/seminar)

## Seminar Content

- Introduction to the Business Unit NETZSCH Grinding & Dispersing
- Characterization of Successful Comminution – Terms and Definition
- Overview of Grinding-media-free Dispersion Systems – Mixing, Wetting and Dispersion
- Overview of NETZSCH Grinding Systems, Agitator Bead Mills
- Effect of various Process Parameters
  - Model of the Stress Energy and the Stress Rate
  - Selection of the Grinding System and Effect of the Dwell Time Distribution
- Grinding Media Selection and Scale-Up
  - Calculation – from Laboratory to Production Scale
- Limits of Wet Grinding, True Comminution and Gentle Dispersion
- Practical Trials with respective preliminary discussion and analysis
- Tour of Assembly area
- Summary and Discussion