Course information

Duration of the course: 2 days
Attendance: approx. 10

Course charge includes:
- 2 overnight stays
- Lunch / Dinner
- Seminar documents

Fee: EUR 1,000.00 + VAT

Organization

Mrs. Gangl will advise you in all questions.

For more information please do not hesitate to contact us:

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Dates 2020

NETZSCH Fine Powder Processing
in English
14. - 15.10.2020

in German
18. - 19.03.2020

The easiest way to register is via our website:
www.netzsch.com/fpp

Our special service for you

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

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The aim of this seminar is to provide participants with information concerning the theoretical background in the areas of dry-grinding and air classifying as well as the measuring, presentation and interpretation of results. At the same time, the influence of material properties and operating parameters will be discussed. After this, there will be a presentation of the various processes with a particular focus on energy efficiency and optimization. During this, we will also touch on the subject of scaling up from laboratory- to production scale. The influencing factors mentioned will be demonstrated using practical tests.

Target Group

Engineers and employees with a scientific background from the following areas:
- Production
- Process technology
- Laboratory
- Research & Development

Program 1st Day

08.00  Pick up from hotel
08.30  Welcome
  - Distribution of seminar documents
  - Presentation of the NETZSCH Group
09.00  Basic principles of classifying
  - Model and determining factors
  - Material characteristics and degree of influence
09.30  Basic principles of size-reduction technology
  - Material characteristics and determining factors
10.00  Break
10.15  Grinding and classifying machines
  - Overview and classification
11.00  Particle separation using filters and cyclones
11.45  Factory tour
12.15  Lunch
13.30  Measuring, presentation and interpretation of results
  - Basic principles of particle measuring technology – laser diffraction
    (a contribution by Malvern Instruments)
  - Particle measuring technology in practice: Preparation of samples, sources of errors, presentation and interpretation of results
14.45  Practical part:
  - Grinding and classifying in practice using jet mills and high-performance air classifiers
16.00  Break
16.15  Measuring, presentation and interpretation of results
  - Electron microscope
17.00  Return to hotel / Evening program

Program 2nd Day

08.00  Pick up from hotel
08.30  Basic principles of size-reduction technology
  - Rotor impact mills
  - Jet milling
10.00  Break
10.15  Fine-grinding with steam
  - Generation and uses of steam in the jet mill
  - Test results
  - Comparison of steam and air in jet milling
  - Process variants
    - Stabilization of very fine products
    - Grinding-drying with steam
  - Process optimization using the example of ceramic inkjet printing inks
    - Synergy wet-dry
11.15  Scale-up of jet mills and classifiers
11.45  Practical part:
  - Ultra-fine grinding in practice using the steam jet mill S-Jet®
12.15  Lunch
13.30  NETZSCH-CONNECT
14.00  Highest fineness with:
  - Fine cutting mill SeccoMy®
  - Fine cutting mill with integrated classifier SeccoMy® S
14.45  New technologies and future prospects
15.30  End of the seminar

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