

## Course program

**PSA day: 13 juni 07, Pand in Gent**

**9.00u-19.00u**

- Welcome by VNPT
- Dry powder sampling
- Physical sample preparation and colloidal aspects
- General Overview of measurement techniques
- Sizing techniques
- The importance of 'oversizers'
- ISO standards and reference materials
- An eye-catching application
- General discussion and selected problems
- Individual problem discussion
- Dinner in KorenleiTwee (optional)

## For Who

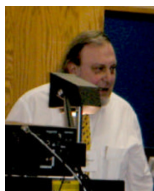
For all those who are struggling with particle sizing techniques in Powders, Dispersions and Emulsions. Sampling and measurement techniques of particle characteristics remain a crucial problem in the development and control of many industrial processes: pharmaceutical, chemical, food and many other industries. This PSA-course aims at helping pragmatically each attendee to solve his individual problem with a logical approach.

## Venue

Het Pand, Onderbergen 1, 9000 Gent  
[http://www.ugent.be/en/visitstaff/services/how\\_to\\_reach](http://www.ugent.be/en/visitstaff/services/how_to_reach)

## Course presenters

### Nikolaas C. de Jaeger



Graduated Nuclear Engineer, involved for 39 years with Colloids and Particle Technology at Agfa-Gevaert, Research & Development, Materials & Chemical Engineering. He retired as Sr. Consultant colloids & particulate processes. His research interests focused on dispersion & emulsion preparation, stability, characterisation and industrial technology involving particulates (SiO<sub>2</sub>, AgX, Carbon Black, TiO<sub>2</sub>, Al<sub>2</sub>O<sub>3</sub>, Fosfors, Latices, ...). He is entitled over 20 patents and published extensively in the field. In 1997 he received an honorary Dr. Degree in Chemical Engineering at the University of Bradford UK. He is currently president, CEO of the International Fine Particle Research Institute (IFPRI), a worldwide research consortium of 25 industries and 20 universities, and consultant in colloid & particulate processes

### Robert Finsy



Robert Finsy is Professor of Physical and Colloid Chemistry at the Vrije Universiteit Brussel. He has been involved for over 30 years in academic research in Physical and Colloid Chemistry. Presently he is head of an experimental research group investigating different aspects of colloidal systems.

Prof. Finsy published extensively in a number of areas of Colloid Chemistry. He is also member of the advisory board of Particle and Particle Systems Characterization.

### Paul Van der Meeren



Paul Van der Meeren is senior lecturer in Colloid Science at Ghent University, Faculty of Bioscience Engineering for more than 10 years, where he is head of the Particle & Interfacial Technology Group ([www.PalNt.Ugent.be](http://www.PalNt.Ugent.be)). This group focuses on diverse aspects related to characterisation, formulation and processing of disperse systems, such as (suspo)emulsions, nano-suspensions or liposomal dispersions. Special attention is paid to the relationship between microscopic characteristics (such as size distribution and charge properties) and macroscopic characteristics (such as sedimentation behaviour and rheology) in different fields of application, ranging from chemical and pharmaceutical product formulation, over food science to environmental technology.

## VNPT services

Membership of VNPT offers your company or research institute access to a wide range of services. Currently membership is free and open to all – even foreign – companies and research institutes dealing with particle technology. Once a member, our coordinator will pro-actively work with you to identify how your company can benefit most from our activities.

What we offer:

- **Interest and Awareness Meetings** where you can hear about latest developments in particle technology
- **Courses and training** in particle technology
- The **newsletter** and **e-alerts** keep you up-to date with new developments, project and funding opportunities, and forthcoming events
- **Advice and consultancy** on technical and scientific issues
- **task forces** on subjects common to interested members will be set up and moderated
- Facilitation of **collaborative research & development** between VNPT members with common interests
- Support with **proposal preparation and finding funding** (IWT, EC FP7, ...) to reduce the cost of development, technology transfer or training activities
- Access to **international networks**
- **Influence** over the VNPT Roadmap for Particle Technological Research

## Problem Discussion

Each attendee is entitled to present a specific problem from his work to one of the three speakers, who will act as free consultant during the afternoon session. If the attendee agrees, his problem can also be discussed in group. The VNPT aims at bringing researchers from different sectors in contact with each other, in order to exchange their experience in a specific domain.

## Registration

Registration fee:

before 11 may 2007: 250 €  
after 11 may 2007: 300 €

Please confirm your attendance and the problem type you want to present to Dr Cédric Bravo ([info@vnpt-vzw.be](mailto:info@vnpt-vzw.be)). Transfer the registration fee to bank account 734-0181606-31. The registration fee includes all course material, lunch and refreshments. We offer as well a dinner at 65€. Please mention your participation during registration.

## VNPT contact

Dr. Cédric Bravo

[info@vnpt-vzw.be](mailto:info@vnpt-vzw.be)

Phone: 0032 16 32 85 95

Fax: 0032 16 32 85 90

## VNPT membership

- VNPT Membership is free
- All companies and research institutes in Flanders are welcome to register as VNPT member

- Foreign companies and research institutes can also register to profit from cooperation with Flemish companies
- VNPT members can have several contact persons

## Course location



### By train

From station Gent St-Pieters: take tram 1 (every 6 min), step out at Korenmarkt

### By Car

Follow parking route to parking P7 Sint-Michiels. Walk 50m to Het Pand

## Upcoming ...

VNPT proudly announces the venue of **Dr. Norman Harnby** on 1 and 3 October 2007 at the VUB, Brussels for two lecture days on **Powder Mixing Technology**. More info soon on <http://www.vnpt-vzw.be>



# particle technology

VNPT course invitation

**PSA Day**

**Particle Size Analysis**

**June 13 2007**

VNPT originated from BePCIS, the Belgian Particle, Colloid and Interface Society



VNPT is executed in cooperation with the Faculty of Bioscience engineering of the K.U.leuven



the VNPT is a non-profit organisation financially supported by



**Vlaams Innovatienetwerk met steun van IWT**