



## *Invitation to BePCIS Course*

### *“Dispersions and Emulsions: Formation, Stabilisation and Characterisation”*

- Date:** September 3, 4 and 5, 2003
- Time:** 3 day course, daily from ± 8.30 am till ± 5.30 pm
- Venue:** **Kasteel Gravenhof**  
Alsembergsesteenweg 676  
1653 Dworp  
<http://www.gravenhof.be/>
- Confirmation:** Please confirm your attendance to [Administrator@bepcis.be](mailto:Administrator@bepcis.be) and transfer the amount of 750 Euro to our bank account, no. **979-9983500-71, by WEDNESDAY, August 13<sup>th</sup> at the latest.** Please note that we offer special reductions for multiple registrations from the same company.  
(First 2 persons: 750 Euro – 3<sup>rd</sup> and 4<sup>th</sup> person: 650 Euro – as of the 5<sup>th</sup> person: 500 Euro)  
Reduced registration fee for PhD. Students. (150 Euro)
- Residential Seminar:** We offer all attendants the possibility to stay overnight at the “Kasteel Gravenhof”, during the course.  
For booking, please contact our administrator, Ms. K. Leroy, by e-mail: [Administrator@bepcis.be](mailto:Administrator@bepcis.be), by **WEDNESDAY, August 13<sup>th</sup> at the latest.**  
Room rate: 98 Euro / night  
Breakfast: 12 Euro / person
- Social Program:** A social program is offered on the second day of the course, Thursday September 4<sup>th</sup>, including a course dinner at the “Gravenhof”. This dinner is included in the registration fee, as well as all lunches.
- Demonstration of Equipment** We offer all companies the possibility to demonstrate their equipment during the course.  
Rate: 100 Euro for sponsors – 250 Euro for non-sponsors



## Agenda

### *“Dispersions and Emulsions: Formation, Stabilisation and Characterisation”*

#### **Day 1**

**Wednesday, September 3<sup>rd</sup>, 2003**

Theory of Colloid Stability.

Steric, Electrosteric Stabilisation and Flocculation by Polymers and Polyelectrolytes.

Electrokinetics and Zeta-potential including instrumentation with demonstrations.

Selected topics by invited speakers.

#### **Day 2**

**Thursday, September 4<sup>th</sup>, 2003**

Preparation of dispersions and emulsions:

Principles, technology, choice of dispersant, surfactant, emulsifier agent.

Characterisation: sampling, problems concerning polydispersity, particle sizing instrumentation with demonstrations.

Selected topics by invited speakers.

#### **Day 3**

**Friday, September 5<sup>th</sup>, 2003**

Nanoparticles. Concentrated Dispersions.

Rheology. Acoustic Techniques.

Demonstrations of Instrumentation.

Selected topics by invited speakers.

A detailed course program can be found on our website [www.bepcis.be](http://www.bepcis.be), under ‘[Activity Announcements](#)’.



## Location

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