



Belgian Particle, Colloid & Interface Society

Invitation to BePCIS Seminar

- Date : **Thursday February 5th '09**
- Seminar : 1.30 pm to 5.00 pm
Social hour : 5.00 pm to 6.00 pm (or later)
- Venue : **Ghent University, Faculty of Bioscience Engineering
Coupure Links 653, 9000 Gent (room E2.010)**
- Registration : The seminar is free of charge. For logistic reasons, please confirm your attendance to 'administration@becpis.be' by February 2nd, 2009.

Nanoparticles:

Preparation, Characterization and Applications

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| Coffee | 1:15-1:30 pm | |
| Welcome & Introduction | 1:30-1:35 pm | H. Demeyere
(BePCIS chairman) |
| 1. <u>Preparation & Stabilization</u> | | |
| - Controlling nanogrinding of inorganics through controlling colloid stability in the millbase | 1.35-2.00 pm | N. de Jaeger
(IFPRI) |
| - Pigment-dispersant interactions studied by NMR | 2.00-2.25 pm | J. Martins
(Ugent) |
| 2. <u>Characterization</u> | | |
| - Nanoparticle Tracking Analysis: analysis of size and charge properties of nanoparticles | 2:25-2:50 pm | P. Hole
(NanoSight) |
| - Photon Cross Correlation Spectroscopy | 2:50-3.15 pm | H. Van der Meer
(Sympatec) |
| Coffee | 3:15-3:45 pm | |



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3. Applications

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|--|--------------|-----------------------------|
| - Zano: ZnO with nanodimensions | 3.45-4:10 pm | Y. Van Rompaey
(Umicore) |
| - Pharmaceutical applications of nanoparticles | 4:10-4:35 pm | NN.
(Janssen Pharma) |
| - Ecotoxicological aspects of nanoparticles | 4.35-5:00 pm | K. Van Hoecke
(UGent) |

Social Hour

5.00 – 6:00 pm

BePCIS kindly invites all attendants to a drink after the Seminar.