



## Belgian Particle, Colloid & Interface Society

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### Invitation to BePCIS-BMG Seminar

On Wednesday March 28th, BePCIS (Belgian Particle Colloid and Interface Society) and BMG (Belgian Membrane Group) organise their first common activity, which focuses on '**Membrane filtration: where particles and interfaces meet**'.

During the last years, a lot of research has been done to improve filtration membrane properties by incorporation of (nano)particles. On the other hand, filter membranes are typically used to retain colloidal particles, and also in this case the interaction between membrane surface and retained particles is of utmost importance. Hence, it is clear that the topic of this interesting activity is situated at the interface of the interest of both organisations and thus opens new perspectives for fruitful networking.

We are expected at the Faculty of Bioscience Engineering of Ghent University. Before the lectures, the laboratories of the PalnT (Particle & Interfacial Technology), LabMET (Laboratory for Microbial Ecology and Technology) and BioMath (Model-based Bioprocess Analysis and Optimisation) research groups can be visited.

Date : **Wednesday March 28<sup>th</sup> 2012**

Seminar : 4.00 pm to 6.45 pm  
Social hour : 6.45 pm to 7.45 pm (or later)

Venue : **Ghent University, Faculty of Bioscience Engineering**  
**Coupure Links 653, 9000 Gent**  
<http://www.fbw.ugent.be/contact/routebeschrijving.php>

Registration : The seminar is free of charge for members of BePCIS, BMG and TNAV. For logistic reasons, please confirm your attendance via [www.tnav.be](http://www.tnav.be) (BMG – Komende activiteiten) by March 25<sup>th</sup> at the latest.

15:45-16.00h: Coffee

16.00-17.00h: Lab visits to research units Palnt, Biomath and LabMET

17.15-17.45h: Particles for high performance mixed matrix membranes - Ivo Vankelecom (KULeuven)

17.45-18.15h: Stainless steel fibers and their potential use in filtration applications - Sebastien Heymans (Bekaert)

18.15-18.45h: Measuring zeta potential on surfaces, a parameter for adherence of filters, membranes and other interfaces - Maarten Debrouwere (Analis)

18:45h: BePCIS and BMG kindly invite all attendants to a drink after the Seminar.