

On 20 september BePCIS organizes its 8th seminar. This time the focus is on "Flow behavior of granular materials". It will cover both experimental work and novel modeling approaches describing the flow behavior of particulates. The combination of original experimental work by some of our members with new modeling and simulation techniques should be of interest for everybody active in the design and operation of systems handling particulate materials. **Keynote speaker** is **Prof Stefan Lüding**, from TUDelft, who is a leading expert in physics and modeling of granular materials.

At the same time BePCIS takes the opportunity to introduce the **Flemish Network for Particle Technology** (VNPT vzw). This initiative was taken by the BePCIS steering committee to guide and promote innovation processes in particle technology of Flanders' industries and is supported financially by the IWT.

#### Registration

Email to [engelbert.tijskens@biw.kuleuven.be](mailto:engelbert.tijskens@biw.kuleuven.be)

The seminar is free but registration is required

Participation at the diner is 60 € (4 courses, wine included)

#### Location








Auditorium Jozef Heuts, Landbouwinstituut, Kasteelpark Arenberg 20, B-3001 Leuven

Route description: <http://www.biw.kuleuven.be/algemeen/bewegwijzering.aspx>

#### Date

20 september 2006, 13.30u-21.30u

Program (for updates please visit our website [www.bepcis.be](http://www.bepcis.be))

	13.30u	Welcome
	14.00u	<b>Introduction</b> <span style="float: right;">Prof Ir Herman Ramon faculteit bio-ingenieurswetenschappen, K.U.Leuven</span>
	14.10u	Introduction of the <b>VNPT vzw – Vlaams Netwerk voor Partikeltechnologie</b> (Flemish Network for Particle Technology): focus, mission and activities <span style="float: right;">Dr Bert Tijskens, VNPT coordinator faculteit bio-ingenieurswetenschappen, K.U.Leuven</span>
	14.30u	<b>Keynote address:</b> <b>From particle simulations to constitutive models of granular flows</b> <span style="float: right;"><b>Prof Stefan Lüding</b> Assoc. Prof. Particle Technology DelftChemTech, TUDelft</span>
	15.15u	<b>Prediction of flow behavior of granular materials</b> <span style="float: right;">Dr Ir W Goossens PeGo bvba</span>
	15.25u	Introduction of the Vlaams Centrum voor Poedertechnologie <span style="float: right;">Dr Ir K. Smolders De Nayer instituut</span>
	15.45u	Coffee
	16.15u	<b>Particle motion in fluidised bed processing: PEPT as a magnifying glass</b> <span style="float: right;">Dr. ir. Frédéric Depypere Faculty of Bioscience Engineering, Ghent University</span>
	16.45u	<b>Examples of DEM modeling in industrial applications</b> <span style="float: right;">E. Dintwa, Van Liedekerke, Tijskens faculteit bio-ingenieurswetenschappen, K.U.Leuven</span>
	17.15u	<b>Particle morphology and its influence on flowability of powders : contributions from image analysis</b> <span style="float: right;">Prof Ir Eric Pirard Georesources &amp; Mineral Imaging – Universite de Liège Occhio</span>
	17.45u	Reception
	19.00u	Dinner in the Faculty club (60 €, 4 courses, wine included)