

**Schedule JMBC Granular Matter course February 4-7, 2008 Conference hotel Drienerburgh, University of Twente, Enschede**

	Monday February 4	Tuesday February 5		Wednesday February 6		Thursday February 7
09:00-10:30		Stefan Luding Numerical modelling	09:00-10:30	Hans Kuipers Modelling of dens gas-particle flows using the kinetic	09:00-10:30	Martin van der Hoef Lattice Boltzmann Method for Modelling gas flow in dense particle systems
Coffee / tea break						
11:00-12:30	Detlef Lohse Introduction	Martin van Hecke Slow granular flow: shearzones and shearbands	11:00-12:00	Jos Brouwers Onset of unimodal to bimodal random packings and its implication for: - amorphisation of crystalline structures (e.g. binary metal alloys) - packing fraction of polydisperse geometric packings (e.g. concrete)	11:00-12:30	Niels Kruyt Strength, dilatancy, energy and dissipation in quasi-static deformation of granular materials  Mixing of granular materials in rotating cylinders
Lunch						
			Contributions from students & postdoc(s)			
14:00-15:00	Dettef Lohse Granular jets and other surprising phenomena	Jacco Snoeijer Force networks and force distributions in static granular matter: theory and experiment	14:00-14:25	Nathalie Vriend	14:00-15:30	Huib de Swart Coastal hydrodynamics and morphodynamics
15:00-16:00	Daniël Bonn Quicksand	Albert Philipse Packing	14:25-14:50	Orencio Duran	Coffee / tea break	
Coffee / tea break					16:00-17:00	Stefan Luding How continuum theory can work
16:30-18:00	Devaraj van der Meer Clustering in granular matter and related phenomena	Onno Bokhove Supercritical shallow granular flows through a contraction	14:50-15:15	Oreon Mouraille		
18:00-		Social dinner	Coffee / tea break			
			15:40-16:05	Olaf Herbst Isothermal Heat Flux in Granular Matter		
			16:05-16:30	Open for more student contr.		
			16:30-16:55	Open for more student contr.		