

## **PARDEM – workshop by the EFCE WP Mechanics of Particulate Solids**

location: PARTEC conference site, Nürnberg – Room COPENHAGEN

### **Day 1 – Tuesday 27.03.07**

*12:30-13:00 arrange lunch yourself please*

#### **13:00-14:10 Plenary 1 (chair Stefan Luding)**

13:00-13:05	Hermann Feise	Welcome
13:05-13:10	Stefan Luding	Definition of the PARDEM Workshop
13:10-13:25	Torsten Gröger	Thoughts on the experimental validation of Discrete Element Models
13:25-13:40	Michael Kappl	Granular Matter at the Single Particle Level: What we can learn from AFM experiments
13:40-14:00	Joerg Theuerkauf	Outcome of the Sorrento Workshop 2006
14:00-14:10		Definition of this workshops Topics 1+2+? and Group-Splitting

#### **14:10-15:10 Group Work Session 1**

*Topic 1: Lab-validation experiments of DEM simulations*

*Topic 2: Contact force measurement and modeling*

15:10-15:20 Plenary – Wrap-up of the Group Work – Tasks for day 2

### **Day 2 – Wednesday 28.03.07**

*12:30-12:50 arrange lunch yourself please*

#### **12:50-14:10 Plenary 2 (chair Ugur Tuzun)**

12:50-13:10	Prof. W. Rodi	ERCOFTAC and PARDEM + Discussion
13:10-13:50	Colin Thornton	Modelling of Particle-Contact/Particle-Fluid interactions in DEM
13:50-14:10	Joerg Theuerkauf	Day 1 revisited – Definition of day 2 workshop

#### **14:10-15:10 Group Work Session 2**

*Topic 1: Lab-validation experiments of DEM simulations*

*Topic 2: Contact force measurement and modelling*

15:10-15:25	Plenary – Hermann Feise	Wrap-up of Group Work and Definition of further Actions
15:25-15:30	Ugur Tuzun	Closing Comments