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Chairman of the EFCE Working  
Party Mechanics of Particulate Solids

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## EFCE Working Party Mechanics of Particulate Solids PARDEM Workshop on Discrete Element Modeling at the PARTEC

Discrete Element Modeling (DEM) is currently been used extensively in bulk solids handling research. Therefore the EFCE Working Party Mechanics of Particulate Solids (WPMS) has joined forces with PARTEC to make DEM one special focus during the conference in Nuremberg. The workshop on DEM will be co-chaired by Profs. S. Luding (Delft), J. Ooi (Edinburgh) and U. Tuzun (Surrey). It will run on Tuesday 27.03.2007 and Wednesday 28.03.2007 starting 13.00hrs either day in room COPENHAGEN of the conference center.

The WPMS workshop endeavors to increase the acceptance of DEM-codes for simulation of bulk solids behavior. This requires the codes to be validated, which in turn needs carefully selected problems with a good experimental database for test runs. The workshop is intended to help identify a suitable set of problems for the quantitative validation and verification of DEM type models in the area of bulk solids handling. The workshop will commence with a summary of a former workshop, which took place mid 2006, followed by an introduction to the issues to be discussed. This plenary will be followed by group-discussion sessions on different aspects by all workshop participants and a final compilation session of the group-work.

The workshop shall produce a framework for engagement between academic researchers, professional software companies and potential industrial beneficiaries of DEM numerical simulations that will identify areas that need significant further development both in terms of computational methodologies as well as the experimental validation procedures. It is hoped that in the longer term, the group of researchers brought together for the event will form the nucleus of a wider project formation aimed at setting the European/International standards of "best practice" in DEM Simulation software development and implementation in a broad range of industry sectors.

The EFCE Working Party Mechanics of Particulate Solids invites the scientific community to join the Workshop on DEM simulation of bulk solids behavior and would encourage participation in PARTEC. Dr. Hermann Feise (hermann.feise@basf.com), chair of EFCE working party, welcomes all further enquiries in connection with attendance at the DEM workshop.

More information on the 1st workshop at the CHOPS-05 conference and on the 2nd workshop during the PARTEC congress 2007 will be available at the EFCE Working Party Mechanics of Particulate Solids website <http://www.efce.info/wpmps.html>