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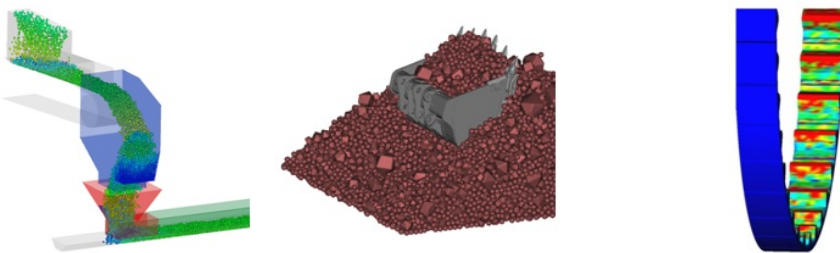
Discrete Element Modelling Seminar - Newcastle, 1st July 2013

In the lead up to the 11th International Conference on Bulk Materials Storage, Handling and Transportation, LEAP Australia in conjunction with TUNRA Bulk Solids, are pleased to announce a second visit to Australia by Dr Alex Potapov, Senior Scientist and Developer of Rocky. Alex will present an overview and update of Rocky, to be held in Newcastle on Monday, 1st July 2013.

Rocky is a powerful, 3D DEM program that quickly and accurately simulates particle behavior within a conveyor chute, mill, or any other bulk materials handling system. It has a broad set of capabilities and features making it one of the most advanced yet affordable DEM design tools on the market.

For further information about Rocky, please visit

<http://www.leapaust.com.au/products/simulation-and-analysis/rocky.html>.



The seminar will cover existing and new features of the software including recent developments in areas such as pre, solver and post enhancements, DEM-CFD coupling and particle breakage simulations. Case studies and examples will be provided and future development plans will also be discussed.

Following the session on Rocky, Dr. Tim Donohue, Engineering Manager at TUNRA Bulk Solids, will give a short presentation on Flow Property Testing and Materials Calibration and how this relates to the fidelity of DEM simulations. This will be followed by a guided tour of the TUNRA laboratory facilities and an optional afternoon technical session for existing users of Rocky.

Who should attend?

This seminar is intended for all new and existing users of DEM. Those that are currently not using DEM for their designs but are interested in understanding the capabilities and benefits of this technology are also encouraged to attend.

SEMINAR DETAILS:

Date: Monday, 1st July, 2013

Venue: Details will be distributed on registration

Cost: FREE, although registration is essential as places are limited.

There is no cost to attend, but registration is essential
Registration cut off date is Friday, 28th June 2013

To register your interest in attending, please email Sue O'Connor – **sue.oconnor@leapaust.com.au**. Further details including seminar location and an agenda will be sent upon registration.

About the Presenters:

Dr. Alex Potapov



Alex obtained his Masters in Geomechanics and PhD in Physics and Mathematics at the Moscow Institute of Physics and Technology. He first joined Conveyor Dynamics Inc (CDI) in 1998 and later joined Metso Minerals in 2001 as a Senior Scientist where he developed several CFD and DEM codes. He has a wealth of knowledge and experience in breakage simulations including particle comminution and attrition and has developed several unique programs to simulate size reduction of particles in crushers and grinding mills. After spending almost 10 years at Metso Minerals, he returned to CDI and started development of Rocky for commercial use.

Dr. Tim Donohue



Dr Tim Donohue is Engineering Manager with TUNRA Bulk Solids. He has completed a large number of projects in the materials handling field, with transfer chute design and passive dust control research being particularly important and current areas of expertise. Through both research and consulting projects, Tim has become proficient with Discrete Element Modeling (DEM) as well as Computational Fluid Dynamics (CFD) software, which he currently utilizes in solving industrial problems.

For further information on this seminar or other upcoming LEAP events or products, please call us on: 1300 88 2240 (within Australia), +61 2 8966 7888 (from mobile phones) or 09 9777 444 (within New Zealand), email info@leapaust.com.au or visit [our website – www.leapaust.com.au](http://www.leapaust.com.au).