



Day 1 DEM Solutions User Group Meeting 2008			
8.30AM REGISTRATION & REFRESHMENTS			
9.00am	Welcome and Introduction	Alan Faichney	COO, DEM Solutions
9.10am	DEM Solutions and EDEM Update	Dr. John Favier	CEO, DEM Solutions
9.45am	IS EDEM CLOSING A GAP FOR SIMULATION BASED DESIGN?	Dr. Carol Plouffe	John Deere
10.15-10.45am Coffee			
10.45am	HOW BOUNCING BALLS SILENCE THE TWISTER (TM)	Bart Lammers	Twister BV
11.15am	COUPLING EDEM WITH EASY5/ADAMS FOR DYNAMIC PARTICLE-STRUCTURE INTERACTION	Clinton Stone	Esteq Engineering/VR Steel
11.45pm	SIMULATION OF AN AGGREGATE DRYER USING COUPLED CFD AND DEM METHODS	Andrew Hobbs	Astec Inc.
12.15pm-1.30pm Lunch in hotel restaurant			
1.30pm - 2.30pm POSTER SESSION in Highland Suite			
2.30pm	Advanced application of EDEM - Bonded Particles	Stephen Cole	DEM Solutions
2.50pm	Advanced application of EDEM - Electrostatics	Dr. David Curry	DEM Solutions
3.20pm	Advanced application of EDEM - TBC	TBC	DEM Solutions
3.40pm - 4.15pm Coffee			
4.15pm	DEM MODELING APPLICATIONS IN JAPAN	David Street	ANSYS Japan K.K
4.45pm	THE EFFECT OF PARTICLE SHAPE ON PARTICLE SIZE ANALYSIS AND PARTICLE PACKING	Dr. Ed Garboczi	National Institute of Standards and Technology
5.15pm	How to get the best out of your EDEM 2.0 Preview DVD	TBC	DEM Solutions
5.30pm Close of Day 1. Please return to the Highland Suite at 7.30pm for dinner.			

Day 2 DEM Solutions User Group Meeting 2008			
9.00am	ADDITION OF ELECTROSTATIC FORCES TO EDEM WITH APPLICATIONS TO TRIBOELECTRICALLY CHARGED PARTICLES	Michael D. Hogue	NASA KSC
9.30am	GRANULAR MATERIAL MODELS AS PART OF THE OFF-ROAD MACHINERY DESIGN PROCESS AT VOLVO CONSTRUCTION EQUIPMENT	Jonas Larsson	Volvo Construction Equipment
10.00am	APPLICATION OF EDEM TO THE UNIFIED COMMINUTION MODEL	Dr. Manoj Khanal	University of Queensland
10.30-11.00am Coffee			
11.00am	A PARAMETRIC STUDY OF MODEL INPUT PARAMETERS IN DEM SIMULATIONS OF A FREEMAN POWDER RHEOMETER	Dr. Rahul Bharadwajh	Pfizer Inc
11.30am	PREDICTION OF THE COHESIVE ZONE PROPERTIES OF THE IRON MAKING BLAST FURNACE	Allert Adema	Materials Innovations Institute
12.00pm	SPHERE CLUMP GENERATION AND TRAJECTORY COMPARISON FOR REAL PARTICLES	DeBeers	presented by DEM Solutions
12.30pm	PREDICTION OF PARTICLE BREAKAGE IN AGITATED DRYERS USING DISCRETE ELEMENT METHOD (DEM)	Colin Hare	University of Leeds
1.00PM - 2.30PM Lunch in hotel restaurant			
2.30pm	Extended Session: CALIBRATION OF DEM MODELS		
	INTRODUCTION	Richard LaRoche	DEM Solutions
	CHALLENGES IN APPLYING DEM TO COMMERCIALY RELEVANT PARTICLES AND PROCESSES	Prof. Hugh Stitt	Johnson Matthey
	DEM MODELLING AND VALIDATION OF GRANULAR SOLID UNDER LOADING	Prof. Jin Ooi	Edinburgh University
	CALIBRATION OF DEM MODELS	Englebert Tijksens	Katholieke Universiteit Leuven
	CONCLUSION	Richard LaRoche	DEM Solutions
4.15pm - 4.45pm Coffee			
4.45pm	A look forward - Future Developments	Dr. John Favier	CEO, DEM Solutions
5.30pm	Closing Remarks	Alan Faichney	COO, DEM Solutions
5.30pm - Close of Meeting			