

9:00 – 10:00		Plenary Session
9:00 – 9:05		Welcome by the Organisers
9:05 – 9:30		Welcome by the Conference Chairman Prof. Dr. ir. Gabriel Lodewijks
9:30 – 10:00	K1	Keynote
10:00 – 10:45		<i>Coffee Break / Exhibition</i>
10:45 – 12:25		Session A1 – Simulation Techniques, G. Lodewijks
10:45 – 11:10	A1_1	A. KATTERFELD, Otto-von-Guericke University Magdeburg, Germany, and T. GRÖGER, CeParTec GmbH, Germany The Simulation based Wear Prediction of Transfer Chutes
11:10 – 11:35	A1_2	WEIGANG SONG, Northeastern University, P.R. of China The Dynamic Simulation of Design Method of Multi-drive Belt Conveyors
11:35 – 12:00	A1_3	G. URYADOV, A. KATTERFELD and F. KRAUSE, Otto-von-Guericke University Magdeburg, Germany DEM Simulation of Bulk Solid Reaction on Vibrating Conveyors
12:00 – 12:25	A1_4	T. KUCZERA and C. VORWERK, University of Stuttgart, Germany Deployment of a Hybrid Simulation Method for the Analysis of Bulk Solids Conveying Systems
12:25 – 13:25		<i>Lunch / Exhibition</i>
13:25 – 15:35		Session A2 – Belt Conveying 1, D. L. Schott
13:25 – 13:50	A2_1	R. DROHAN, ACE Conveyor Equipment Ltd., United Kingdom Minimising Spillage from Belt Conveyors
13:50 – 14:15	A2_2	W. BARTELMUS and R. ZIMROZ, Wroclaw University of Technology, Poland Condition Monitoring as the Way of Gearbox Surveillance and Vibration and Noise Control
14:15 – 14:40	A2_3	G. BIERIE and A. MARTI, Martin Engineering Company, USA Environmental Benefits from Leading Edge Conveyor Technologies
14:40 – 15:05	A2_4	L. GLADYSIEWICZ and W. KAWALEC, Wroclaw University of Technology, Poland The Possibilities of Decreasing the Belt Conveyors Main Drive Power Demand
15:05 – 15:35		<i>Coffee Break / Exhibition</i>
15:35 – 17:40		Session A3 – Belt Conveying 2, W. Bartelmus
15:35 – 16:00	A3_1	L. JURDZIAK, Wroclaw University of Technology, Poland Application of Extreme Value Theory for Joint Dimensioning of BWEs and Long Distance Belt Conveyors in Lignite Mines
16:00 – 16:25	A3_2	M. CINCERA and E. MORESCHI, Rulli Rulmeca S.p.A., Italy Use of Thermoplastic Rollers in Belt Conveyors
16:25 – 16:50	A3_3	A. LÓPEZ DE LA CRUZ, H. VEEKE and G. LODEWIJKS, Delft University of Technology, The Netherlands On the Intelligent Idler Concept
16:50 – 17:15	A3_4	S. HINTERHOLZER and B. HOFMAYER, Sandvik Mining & Construction GmbH, Austria Innovative Developments in Materials Handling
17:15 – 17:40	A3_5	C. WHEELER, Centre for Bulk Solids & Particulate Technologies, P. J. MUNZENBERGER, TUNRA - University of Newcastle, Australia Indentation Rolling Resistance of Steel Cord Conveyors Belts: A Pseudo 3D Viscoelastic Finite Element Analysis
19:00		<i>Dinner</i>

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10:45 – 12:25		Session B1 – Silo Technology, H. Wright
10:45 – 11:10	B1_1	L. BATES, Ajax Equipment Ltd., United Kingdom Avoiding and Curing Hopper Problems
11:10 – 11:35	B1_2	E.R. WAHL, Vibra Screw Inc., USA The Application of the Vibrating Bin Bottom to Bulk Storage Silos – A Practical, Contemporary Approach
11:35 – 12:00	B1_3	J. HUNDRIESER, Endress + Hauser Messtechnik GmbH & Co. KG, Germany Level Measurement Selection Aid for Bulk Solids focusing on Continuous Level Measurement Based on Time-of-Flight Principles
12:00 – 12:25	B1_4	to be determined
12:25 – 13:25		<i>Lunch / Exhibition</i>
13:25 – 15:05		Session B2 – Silo Discharge & Tanker Filling, L. Bates
13:25 – 13:50	B2_1	A. HAAK, G. KACHE, S. WINKLER and J. TOMAS, Otto-von-Guericke University Magdeburg, Germany Silo Discharge of Fine Powders by Vibrating Hoppers Part 1: Flow Properties
13:50 – 14:15	B2_2	G. KACHE, D. PÖTSCH, A. HAACK and J. TOMAS, Otto-von-Guericke University Magdeburg, Germany Silo Discharge of Fine Powders by Vibrating Hoppers Part 2: Pilot Scale Tests
14:15 – 14:40	B2_3	R.J. FARNISH, M.S.A. BRADLEY, and R.J. BERRY, Wolfson Centre – University of Greenwich, United Kingdom Developments in Road and Rail Tanker Filling
14:40 – 15:05	B2_4	A. BERGUS, Primasonics International Ltd., United Kingdom The History and Application of Acoustic Cleaners within Key Process Areas of the Bulk Materials Handling Industry
15:05 – 15:35		<i>Coffee Break</i>
15:35 – 17:40		Session B3 – Bulk Material Processing, A. Katterfeld
15:35 – 16:00	B3_1	G. DEHM and DR. B. STARK, Coperion Waeschle GmbH & Co. KG, Germany New Possibilities for indirect Heating or Cooling of Bulk Materials with a Bulk Materials Heat Exchanger
16:00 – 16:25	B3_2	D. HATTON, Rotex Europe Ltd., United Kingdom Dry Separation: Screening at High Rate and High Efficiency
16:25 – 16:50	B3_3	M. v.d. Hil, °Celsius, The Netherlands Screw Heat Exchangers: Thermal Process by Means of Screw Conveyors
16:50 – 17:15	B3_4	B. MACKENZIE, Materials Handling Products Ltd., United Kingdom Recent Developments in Fines Screening
17:15 – 17:40	B3_5	J. WILL and K. DENNINGER, REMA Tip Top GmbH, Germany Save on Power Consumption and Improvement of Grinding Efficiency inside Ball Mills using Polymeric Mill Lining Components
19:00		<i>Dinner</i>

9:00 – 10:15		Session A4 – Plant Optimisation, S. Wiche
9:00 – 9:25	A4_1	R.J. FARNISH, M.S.A. BRADLEY, and T. DENG, Wolfson Centre - University of Greenwich, United Kingdom Optimising Plant Operations for Efficiency and Product Quality
9:25 – 9:50	A4_2	T.D. COLE, Intergraph Corporation, USA Engineering Data as a Strategic Asset – 3D Intelligent Design and Data Management for Bulk Materials Handling Systems
9:50 – 10:15	A4_3	C. VORWERK, University of Stuttgart, Germany Analysis and Optimisation of Backfill Transport in a Salt Mine
10:15 – 10:45		<i>Coffee Break / Exhibition</i>
10:45 – 12:25		Session A5 – Belt Conveying 3, S. Hinterholzer
10:45 – 11:10	A5_1	S. ZAMORANOL, FLSmidth Rahco Inc., USA Overland Conveyors, a Relevant Tool in Reducing Environmental Impact in the Minerals Industry
11:10 – 11:35	A5_2	D.B. HASTIE, A.P. GRIMA and P.W. WYPYCH, Centre for Bulk Solids & Particulate Technologies - University of Wollongong, Australia Validation of Particle Flow through a Conveyor Transfer Spoon via Particle Velocity Analysis
11:35 – 12:00	A5_3	G. KAPPLER, Berthold Technologies GmbH & Co. KG, Germany Radiometric Bulk Flow Systems
12:00 – 12:25	A5_4	D. ILIC, TUNRA Bulk Solids and C.A. WHEELER and A.W. ROBERTS, CBSPT & TUNRA Bulk Solids - University of Newcastle, Australia Investigation of Bulk Solid Stress States on a Belt Conveyor Test Rig
12:25 – 13:35		<i>Lunch / Exhibition</i>
13:35 – 15:15		Session A6 – Dust Control & Environment Protection, R. Farnish
13:35 – 14:00	A6_1	D.L. SCHOTT, O.C. MAAN, R. SPAARGAREN, J. RUIJGROK, J.-H. WELINK, J.A.J.M. DECKERS, and G. LODEWIJKS Environmental Management Accounting as a Selection Tool for Storage Systems
14:00 – 14:25	A6_2	H. PRAPTONO and W. GUNAWAN, PT Kaltim Prima Coal, Indonesia Preventing Excessive Coal Dust Generation using Combination of Water Spray and Chemical Application
14:25 – 14:50	A6_3	S. WICHE, C.A. WHEELER, A.W. ROBERTS, T. KRULL and D. ILIC, Center for Bulk Solids and Particulate Technologies – University of Newcastle, Australia Reducing Dust Emissions from Ship Holds during Loading of Bulk Materials
14:50 – 15:15	A6_4	D. MIRAKOVSKI and Z. DESPOTOV, University “Goce Delcev”, Macedonia Dust Control at Open Storage Pile – Bucim Copper Mine
15:15 – 15:45		<i>Coffee Break / Exhibition</i>
15:45 – 17:25		Session A7 – Health & Safety, Coal Handling, J. Ruijgrok
15:45 – 16:10	A7_1	J. SNOEYS, Fike Europe BVBA, Belgium Dust Explosion Protection using Flameless Venting
16:10 – 16:35	A7_2	S.J. WIRTH, and M. PRENNER, University of Leoben, Austria Noise Reduction of Nozzles by Use of Adequate Geometrics
16:35 – 17:00	A7_3	H. WRIGHT, Dr H Wright & Associates, United Kingdom A new Approach to Flow Improvement in Coal Fired Power Stations
17:00 – 17:25	A7_4	S.R. GANAPATHY and B. PICHUMANI, Indian Institute of Technology, India Coal Storage Bunkers – A Case Study
17:25 – 17:50		Closing

9:00 – 10:15		Session B4 – Dust Emission Control, D. Mills
9:00 – 9:25	B4_1	M. DUJKIC, TUNRA Bulk Solids – University of Newcastle, Australia and J. PLANNER, Introspect Consulting, Australia Determination of the Dustiness Characteristics of Bulk Solids through the Use of Experimental Procedures and Test Apparatus
9:25 – 9:50	B4_2	V. SCHMITZ, PCME Ltd., United Kingdom Continuous Particulate Emission Monitors for Industrial Processes
9:50 – 10:15	B4_3	C. SACCANI, A. BIANCHINI, and M. PELLEGRINI, DIEM – University of Bologna, Italy Environmental Impact Reduction in the Ceramics Industry: Conveying Parameters Control for Atomized Slip Pneumatic Transport
10:15 – 10:45		<i>Coffee Break / Exhibition</i>
10:45 – 12:25		Session B5 – Pneumatic Conveying, M. Jones
10:45 – 11:10	B5_1	I. LECREPS and K. SOMMER, Technical University Munich, Germany Investigations on Single Slugs to Explain High Pressure Loss by Horizontal Dense-phase Pneumatic Conveying
11:10 – 11:35	B5_2	D. MILLS, Independent Pneumatic Conveying Consultant, United Kingdom Power Requirements for Pneumatic Conveying Systems
11:35 – 12:00	B5_3	K.C. WILLIAMS, M. JONES, B. SINGH, Centre for Bulk Solids & Particulate Technologies – University of Newcastle, Australia; T. OLSZEWSKI Warsaw University of Technology, Poland Electrical Capacitance Tomography of Dense-phase Pneumatic Conveying of Fly Ash
12:00 – 12:25	B5_4	S.S. MALLICK and P.W. WYPYCH, Centre for Bulk Solids & Particulate Technologies – University of Wollongong, Australia On the Modeling of Pressure Drop for the Dense-Phase Pneumatic Conveying of Powders
12:25 – 13:35		<i>Lunch / Exhibition</i>
13:35 – 15:15		Session B6 – Bulk Solid Material Properties 1, P. Wypych
13:35 – 14:00	B6_1	B. MISHRA, University of Huddersfield, United Kingdom A Model for the Prediction of Pressure Drop in a Two-dimensional Horizontal Rectangular Duct Carrying a Solid-Liquid Mixture
14:00 – 14:25	B6_2	P. DAVIN, ITECA Socadei S.A., France How to get a Representative Sample
14:25 – 14:50	B6_3	E. ORTEGA-RIVAREZ, Autonomous University of Chihuahua, Mexico Fluidized Bed Coating of Puffed Wheat to Minimize Fines Release and Improve Overall Quality
14:50 – 15:15	B6_4	KATSUNORY ISHII, SUZUKI MASASHIRO, TAKUMA YAMAMOTO, YOSHIYUKI KIHARA, YOSHIYUKI KATO, KATSUNOBU YOCHIMOTO and TSUTOMOTU KURITA, Japan Atomic Energy Agency, Japan, MASATOSHI YADUDA, IMP, Japan, and SHUJI MATSUSAKA, Kyoto University, Japan Flowability Evaluation of a Model of MOX Particles Using Vibrating Tube Method
15:15 – 15:45		<i>Coffee Brea / Exhibition</i>
15:45 – 17:25		Session B7 – Bulk Solid Material Properties 2, W. Geisler
15:45 – 16:10	B7_1	T.J. DONOHUE, Centre for Bulk Bulk Solids & Particulate Technologies – University of Newcastle, Australia, and C.M. WENSRIICH, School of Engineering – University of Newcastle, Australia A Study on Pore Size and Connectivity to Improve Permeability Prediction for Fibrous Materials
16:10 – 16:35	B7_2	E. SCHREYER, Nestlé Product Technology Centre, Germany, and K. SOMMER, Technical University of Munich, Germany Effect of Crystalline NaCl on Sorption, Sintering and Caking of Amorphous Dextrose Syrup
16:35 – 17:00	B7_3	E. RONDET, T. RUIZ and J.P. DESFOURS, Université Montpellier II, France, and M. DELALONDE, Université Montpellier I, France Does the Bulk Compactness of a Humid Granular Media depend on the Agglomerates Texture?
17:00 – 17:25	B7_4	N. DESCAMPS, Nestlé Product Technology Centre Singen, Germany, J.J. FITZPATRICK, University College Cork, Ireland, and S. PALZER, Nestlé Research Centre Lausanne, Switzerland Prediction of Caking based on Water Migration, Glass Transition and Sintering Kinetics
17:25 – 17:50		Closing