

4th International Conference & Exhibition

BulkSolids Europe 2012

International Conference on Storing,
Handling and Transporting Bulk

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October, 11-12, 2012 | Berlin, Germany | Hotel Pullman Schweizerhof

On the Road to Efficiency – Today's Best Practice and Future Potentials to meet Energy and Environmental Requirements



The Key-Topics 2012

- Improving Efficiency and Energy Consumption of Conveying or Transport Systems
- Optimization and Automation of Stockyard Equipment for Maximum Throughput
- Ways to Cost-efficient Plant Design and Equipment Lifecycle Management
- Selection of the Optimum Solution to achieve Maximum Productivity
- Assessing Dust Generation Potentials and Identifying the Most Suitable Solution
- De-bottlenecking of Bulk Material Flow Chains to Increase Process Reliability

Chairman



Prof. Gabriel Lodewijks (TU Delft)

Keynote Speakers



Dr. Corina Hebestreit (Euromines)



Dr. Andreas Schmidt (Rhenus Port Logistics)

LECTURES BY

(among others):

ABB Automation

Aerzener

Aumund

Beumer Group

Endress + Hauser

PT KaltimPrima Coal

Rembe

Rhenus Port Logistics

Sandvik
(Mining & Construction)

Siemens

Tenova Takraf

ThyssenKrupp

Tunra Bulk Solids

Vega Grieshaber

**INDEX-Workshop
„Explosion Safety“**

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Thursday, October 11, 2012		
Time	Stream 1	Stream 2
8:00	Registration & Morning Coffee	
	Opening Session	
9:00	Welcome by the Organizers and Conference Chairman Prof. Gabriel Lodewijks	
9:15	<i>Dr. C. Hebestreit, Euromines – European Association of Mining Industries, Metal Ores & Industrial Minerals, Belgium:</i> Outlook on the EU's Raw Materials Supply – EU Policies and Industrial Developments	
9:45	<i>Dr. A. Schmidt, Member of the Management Board of Rhenus Port Logistics, Germany:</i> Logistics Concepts for the European Energy Transition	
10:15	Round-Table Discussion: <i>Raw Materials Handling in Europe – Market Demands, Technological Requirements and Future Developments</i>	
10:40	Break – Coffee Break & Exhibition	
	Power Plant Logistics	Mining & Minerals Handling
11:20	<i>L. Schmeier, Tenova Takraf, Germany:</i> Residue Transport at the Maritza Power Plant	<i>A. Abdullah, PT Kaltim Prima Coal, Indonesia:</i> Handling Coal Contaminants from multiple Pits – An Experience from PT Kaltim Prima Coal
11:45	<i>R. Furthmann, Aumund Fördertechnik, Germany:</i> Plant Concepts for handling Refuse Derived Fuel in Power Plants	<i>FM. Wolpers, ThyssenKrupp Fördertechnik, Germany:</i> Skip-conveying in an Open-cast Mine -TKF's Approach to Optimise the Cost and Energy Efficiency in Hard Rock Mines
12:10	<i>J. Ruijgrook, ESI Eurosilos, The Netherlands:</i> Large Scale Fuel Storage Silos	<i>S. Hinterholzer, Sandvik Mining & Construction, Germany:</i> The World largest Compact Bucket Wheel Excavator from Sandvik
12:35	Break – Lunch & Exhibition	
	Bulk Material Storage	Bulk Handling Equipment
13:45	<i>J. Skowaisa, Vega Grieshaber, Germany:</i> Radar Level Measurement under Heavy Application Conditions	<i>J. Hundrieser, Endress + Hauser, Germany:</i> Web Enabled Asset Management Approach in Primaries Industry
14:10	(To be confirmed: Power Plant Logistic) <i>(N.N., to be confirmed)</i>	<i>M. Gawinski, Rulli Rulmeca, USA:</i> Motorized Pulley Usage in UK and US Coal Mining and Power Generation
14:35	<i>J. Lottermann, Rembe Safety & Control, Germany:</i> Special Requirements for Fire and Explosion Protection when handling Secondary Fuels	<i>N.N., Vortex Valves, United Kingdom:</i> Designing Gates and Diverters for Abrasion Resistance in the Mining Industry
15:00	<i>E. McGee, Ajax Equipment, United Kingdom:</i> Design Considerations for loads on Feeders from Hopper Outlets	<i>A. Gladysiewicz, R. Schwandke, Artur Küpper, and A. Katterfeld, Otto-von-Guericke Universität Magdeburg, Germany:</i> Intelligent Garland - Conceptual Design and first empirical Results
15:25	Break – Coffee Break & Exhibition	
	Efficiency in Pneumatic Conveying	Stockyard Operation & Automation
16:00	<i>D. Mills, Independent Consultant, United Kingdom, V.K. Agarwal, IIT New Delhi, India:</i> Material Feed Rate Control for Pneumatic Conveying Systems	<i>H. Praptono, PT Kaltim Prima Coal, Indonesia:</i> De-bottlenecking CPP Circular Reclaimer Feeding Rate
16:25	<i>S. Brand, Aezener Maschinenfabrik, Germany:</i> Energy Efficiency of Compressed Air for Pneumatic Conveying	<i>H. Lieberwirth, Tenova Takraf, Germany:</i> Blending Efficiency - Adding Value with Stockyard Systems
17:00	<i>F. Lombardo, Air-Tec System, Italy:</i> Pneumatic Conveying System in Closed Loop – Easy Solution for ATEX Directive and Environment Safeguard	<i>N. Merkel, ABB Automation, Germany:</i> Latest Developments in Stockyard Automation
17:25	<i>P. Rayman, Rayman, Czech Republic:</i> Energy Consumption of Different Types of Pneumatic Conveying Feeders	<i>Yanyan He, A.W. Roberts, J.-D. Prigge, CBSPT, Australia:</i> Investigation of Loads on Buried Support Columns and Rathole Characteristics in Stockpiles
Stream 3		
INDEX-Workshop „Explosion Safety in the Heavy Bulk and Power Generating Industry“		
	Workshop-Chairman S. Penno	
13:45	<i>S. Penno, Index, Germany:</i> Welcome / Introduction to the Topic Explosion Protection by means of Accident Case Studies	
14:15	<i>V. Großkopf, Thorwesten Vent, Germany:</i> Special Fire and Explosion Hazards caused by Storage of Alternative Fuels in Silos	
14:45	<i>R. Post, Kidde Brand- und Explosionsschutz, Germany:</i> Proper Explosion Protection in Coal Milling Processes ensures an uninterrupted Power Supply	
15:15	Coffee Break	
15:50	<i>D.W. Price, Gexcon, United Kingdom:</i> Modelling of dust explosions to determine optimum Explosion Protection when the EN Standards and Codes are not relevant or considered too conservative	
16:20	<i>W. Leip, LL.M., Partner, Kaye Scholer LLP, Germany:</i> Legal Aspects in Explosion Protection – Compliance and Liability Issues for Executives and Management	
16:50	<i>M. Koschare, CKK Partners, Germany:</i> Crisis Management and Media Response – How to Protect the Image of a Company and the Reputation of the Management in Case of Serious Explosion Incidents	
17:20	End of Workshop	
17:50	End of Day 1	
19:30	Conference Dinner	



Friday, October 12, 2012

Time	Stream 1	Stream 2
8:30	Morning Coffee	
	Dry Cargo Handling	Belt Conveyor Design & Operation
9:00	<i>A. Peters, Uhde Services, Thyssenkrupp Germany:</i> Mobile High-performance De-dusting during Unloading of Bulk Materials from Railcars	<i>G. Oberheuser, Beumer Group, Germany:</i> Advanced Bulk Material Transport using Curved Long Distance Belt Conveyors
9:25	<i>B. Velan, Scorpio Engineering, India:</i> Emerging Techniques for clean Bulk Handling in Ports	<i>N. Becker, Siemens, Germany:</i> Smart drive systems for Belt Conveyors, supporting Performance, Reliability, Availability, and Energy Savings
09:50	(To be confirmed: Dry Cargo Handling) <i>(N.N., to be confirmed)</i>	<i>A. Reicks, Overland Conveyor Company, USA:</i> Conveyor Models as a Quantitative Platform for Evaluating Design Options
10:15	Break – Coffee Break & Exhibition	
10:55	<i>B. Vermeer, R.A.H. Schuurmans, D. Schott, G. Lodewijks, Delft University of Technology, The Netherlands:</i> Analysis of the Increased Maximum Load Occurrences of Bulk Cranes	<i>L. Overmeyer, T. Froböse, Leibniz Universität Hannover, Germany:</i> Determination of Material Parameters for a FEA-Model of Conveyor Belt Splices
11:20	<i>A.W. Roberts, T. Krull, K.C. Williams, Tunra Bulk Solids, Australia:</i> Load Stability of Bulk Cargoes during Ship Transport	<i>M. Prenner, F. Kessler, Montanuniversität Leoben, Austria:</i> Energy Recovery System for Continuous Conveyors
11:45	<i>S. Lommen, D. Schott, G. Lodewijks, Delft University of Technology, The Netherlands:</i> Developing a DEM Model of a Grab	<i>H. Bos, Teijin Aramid, The Netherlands:</i> Eco Efficiency Analysis for Conveyor Belts
12:10	<i>A. Owonikoko, R.J. Berry, M.S.A. Bradley, Wolfson Centre, United Kingdom:</i> Predicting Storage Vessel Requirements for Discharge of Biomass and Waste Materials	(To be confirmed: Belt Conveying) <i>(N.N., to be confirmed)</i>
12:35	Break – Lunch & Exhibition	
	Simulation Techniques for System Design	Troughed Belt & Pipe Conveyor Research
13:45	<i>P. Wypych, A. Grima, R. LaRoche, University of Wollongong, Australia:</i> A new Era in the Design and Optimization of Bulk handling Plants – Calibrated and Validated Simulation Modeling	<i>L. Overmeyer, S. van Daacke, S. Hötte, S. Schulz, Leibniz Universität Hannover; T. Wennkamp, Phoenix Conveyor Belt Systems, Germany:</i> Research on Indentation Rolling Resistance of Conveyor Belts
14:10	<i>C. Kloss, C. Goniva, DCS Computing, Austria, S. Pirker, JKU Linz, Austria:</i> Discrete Element Simulation of Bulk Solids - Modelling of Real-Scale Industrial Processes using a Coarse Graining Approach	<i>Y. Pang, G. Lodewijks, Delft University of Technology, The Netherlands:</i> Test and Simulation of Pipe Conveyor Statics
14:35	<i>S.M. Derakhshani, D.L. Schott, G. Lodewijks, Delft University of Technology, The Netherlands:</i> Reducing Computational Time by Adjusting Domain Frame for Fine Granular Materials with Discrete Element Method	<i>M.E. Zamiralova, G. Lodewijks, Delft University of Technology, The Netherlands:</i> The Shear Centre Effect in the Twisting of Pipe Conveyors
15:00	<i>P. Schartner, C. Wheeler, University of Newcastle, Australia, M. Dratt, A. Katterfeld, Otto-von-Guerike Universität Magdeburg, Germany:</i> Coupled Simulations based on DEM FEM and their Application in Bulk Material Handling	<i>Y. Zhang, Beijing United University, P.R. China:</i> Deriving Formulas for the Calculation of Pipe Conveyors
15:25	Break – Coffee Break & Exhibition	
	Dust Control	Advances in Science
15:55	<i>V. Karthik, P. Wypych, L. Mar, University of Wollongong, Australia:</i> Review and Evaluation of Dustiness Testing Methods for Powders and Granular Dry Bulk Materials	<i>D. Illic, C.A. Wheeler, A.W. Roberts, Tunra Bulk Solids, Australia:</i> Investigating Transport Loads in Troughed Belt Conveying Systems
16:20	<i>X. Chen, T.J. Donohue, CBSPT, Australia; Ch. Goniva, Ch. Kloss, CD-Lab., Austria; A. Katterfeld, Otto-von-Guericke Universität, Germany:</i> Prediction of Dust Emissions in Transfer Chutes	<i>R.J. Farnish, R.J. Berry, E. Hernández, Wolfson Centre, UK:</i> Influence of Segregation on Flow Behavior of Bulk Particulates possessing a wide Size Distribution
16:45	<i>U. Klenk, Bergische Universität Wuppertal, Germany:</i> Use of Water Droplets and Additives for Dust Control	<i>A.A. Cenna, K.C. Williams, M.G. Jones, CBSPT, Australia:</i> Surface Modifications due to Conveying Particles and their Effects on Service Life of Pneumatic Conveying Pipelines
17:10	Conference Roundup & Closing	
17:35	End of Conference	

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Yes, I want to participate in the 4th International Bulk Solids Europe Conference 2012 at October, 11-12 2012 in Berlin/ Germany

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All fees include participation in the 2-day conference and exhibition and 1 ticket to the networking event/ dinner on the evening of October 11th.

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cancellations and changes to bookings are subject to written notice to VBM. The registration fee falls due and payable in one sum upon invoicing by VBM. All invoices are due net, promptly on receipt. **Attendance of an event remains subject to prior payment of the invoiced amount.**

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