



PGBSIA 2013
November 28-30, 2013
Thapar University, India
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INAUGURAL LECTURES

Dr. Peter Wypych, Professor, University of Wollongong, Australia

Topic: Advances in Bulk Material Handling Technology – Linking Research and Industry

Mr. Pabak Mukhopadhyaya, General Manager and Business Head, Larsen & Toubro (L&T), India

Topic: yet to be finalized

Dr. Gabriel Lodewijks, Professor, Delft University of Technology, Netherlands

Topic: Recent Advances in Long Distance Belt Conveyors

KEYNOTE LECTURES

Dr. Renhu Pan, General Manager, Fujian Longking Company, China

Topic: Improved Dense-Phase Pneumatic Conveying of Fly Ash

Mr. I.K. Rajdeva, General Manager (Operation Services), National Thermal Power Corporation Limited (NTPCL), India

Topic: Issues of Coal Handling of Thermal Power Plants

Mr. Tirupati Rao, Senior DGM (Ash Handling), Bharat Heavy Electricals Limited (BHEL), India

Topic: Latest Developments in Ash Handling Systems in Indian Power Plants

Dr. Arika Rinoshika, Professor, Yamagata University, Japan

Topic: Energy Saving Pneumatic Conveying of Bulk Solids

Mr. Sumantra Sen, Senior Vice President, Tecpro Systems Limited, India

Topic: Advances in Pneumatic/Slurry Conveying Within Industry

Dr. Prabhu R Nott, Professor, Indian Institute of Science, India

Topic: Some Fundamental Aspects of the Rheology of Dense Granular Materials

Dr. Navid Mostoufi, Professor, University of Tehran, Iran

Topic: Discrete Element Simulation of Granular and Multiphase Flows

Dr. Avi Levy, Professor, Ben Gurion University, Israel

Topic: Modelling Milling Processes

Dr. Chandana Ratnayake, Senior Scientist, Tel-Tek Institute, Norway

Topic: Improved Dense-Phase Pneumatic Conveying Technology

Dr. Tarasankar Pal, Professor, Indian Institute of Technology, Kharagpur, India

Topic: Latest Developments in Nanoparticle Synthesis

Dr. Haim Kalman, Professor, Ben Gurion University, Israel

Topic: yet to be finalized

Dr. Joseph Bonifazi, Professor, University of Rome, Italy

Topic: yet to be finalized

Dr. Xianfeng Fan, University of Edinburgh, UK

Topic: yet to be finalized



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INDUSTRY ORIENTED WORKSHOPS

Dense-Phase Pneumatic Conveying of Bulk Solids

Dr. Peter Wypych, Professor, University of Wollongong, Australia
Dr. S.S.Mallick, Thapar University, India

Conveyor Dynamics

Dr. Gabriel Lodewijks, Professor, Delft University of Technology, Netherlands

Bulk Material Storage Facilities: Design and Management Considerations

Dr. Peter Wypych, Professor, University of Wollongong, Australia

Ash Handling Systems in Thermal Power Plants

Dr. Renhu Pan, General Manager, Fujian Longking Company, China

Professor Peter Wypych



Prof. Wypych is the Director of Australian Research Council endorsed Key Centre for Bulk Solids and Particulate Technologies at the University of Wollongong, Australia. He has been involved with the research and development of bulk solids handling and processing technologies since 1981. Prof. Wypych has published over 400 academic publications including 5 book chapters, 120 journal articles and 260 conference papers – in the areas of bulk materials handling. He has completed over 350 consulting reports for industry, trouble-shooting design/ optimization of new and existing plants and processes for companies all around Australia and overseas (e.g. USA, Hong Kong, New Zealand, China, Singapore, Korea). He has been the Chief Investigator of 15 major government/industry sponsored projects totalling more than \$ 5 Million and currently is the Chair of the Australian Society for Bulk Solids Handling.

Professor Gabriel Lodewijks



Prof. Gabriel Lodewijks studied Mechanical Engineering at Twente University and Delft University of Technology, The Netherlands. He obtained a Master degree in 1992 and a PhD on the dynamics of belt systems in 1996. He is President of Conveyor Experts BV, which he established in 1999. In 2000 he was appointed professor of the department Transport Engineering and Logistics at the Faculty of Mechanical, Maritime and Materials Engineering. From 2002 he was appointed as chairman of the department. From 2011 he is vice-dean of the faculty 3ME. His main interest is in belt conveyor technology, automation of transport systems, material engineering and dynamics.

Dr. Renhu Pan



Dr. Pan is currently the Vice General Manager, Fujian Longking Co. Ltd and Managing Director of Xiamen Longking Bulk Materials Science and Engineering Ltd, China. He has conducted about 750 turn-key projects in the area of Bulk Solids Handling. These projects include: pneumatic conveying systems for wet FGD ash, fly ash up to 1000 MW units, lime stone, mill rejects and so on and pipe conveyors. He is also the current Deputy Vice President, Technical Committee for Freight Pipeline, China Mechanical Engineering Society. Dr. Pan completed his PhD in pneumatic conveying from University of Wollongong in 1993.

Dr. S.S.Mallick



Dr. Mallick completed his PhD in dense-phase pneumatic conveying from University of Wollongong, Australia in the year 2010 under the supervision of Prof. Peter Wypych. Before switching over to academics, Dr. Mallick worked as a consulting engineer for Development Consultants Private Limited (India) for 5 years, where he designed several coal and ash handling systems for thermal power plants. He has published several research papers in the area of bulk solids handling in top international journals. Recently, Dr. Mallick has been awarded with 2 projects (to develop dense-phase pneumatic conveying laboratory and carry out industry-based research) sponsored by DST and CSIR, Government of India, including the prestigious Young Scientist Award.