

Registration Form...



Centre for Bulk Solids &
Particulate Technologies

Design and Operation of Pneumatic Conveying Systems

Mr/Ms/Dr:

First Name:

Surname:

Position:

Organisation:

Address:

Postcode:

Telephone:

Facsimile:

Email:

Fee Payment:

This Registration Form should be forwarded, together with payment, to: TUNRA Bulk Solids, The University of Newcastle, University Drive, Callaghan NSW 2308.

Tel: 02 4921 6067

Fax: 02 4921 6021,

Email: danielle.harris@newcastle.edu.au

Fees

All fees must be paid prior to the event
\$2500 + GST

Fees include program notes, laboratory sessions (where applicable), lunches, refreshments and course dinner.

Venue

The University of Newcastle
University Dr, Callaghan NSW 2308

Accommodation

Delegates should arrange their own accommodation. Accommodation is available at West's Leagues Club (Executive Inn).
88 Hobart Road, New Lambton NSW 2305
Tel: +612 4935 1200 Fax: +612 4935 1477
www.westsnewcastle.com.au

Cancellations

If you are unable to attend the event a substitute delegate is welcomed at no extra charge. If notification of withdrawal is received 14 days prior to the event, 80% of the fee will be refunded. No refunds will be made if notification of cancellation is received 13 days prior to the date of the event. The organisers reserve the right to alter or cancel the program due to unforeseen circumstances. In this event, a full refund of fees will be made.

An intensive
short course in...

Design & Operation of Pneumatic Conveying Systems

Presented at
The University of Newcastle

14th – 16th April 2010



The UNIVERSITY
of NEWCASTLE
AUSTRALIA



14th – 16th April 2010
The University of Newcastle

- Objectives** Upon completion of this professional development program, participants should be able to:
- Understand the different types of systems and modes of conveying;
 - Appreciate the importance and relevance of bulk solid properties and characterisation;
 - Evaluate quantitatively the dense-phase suitability of a given bulk solid;
 - Estimate operating conditions for a given conveying system and product;
 - Apply conveying performance characteristics to the design and analysis of systems;
 - Size rotary valve feeders;
 - Identify the latest developments in pneumatic conveying systems, hardware and valving.

- Content** The content of this program is based largely on the techniques used and developed, and the experience gained, by members of the Centre for Bulk Solids and Particulate Technologies. The major topics to be covered during the course include:
- Principals of Pneumatic Conveying;
 - Characterisation and Classification of Bulk Solids;
 - Latest Feeding and Disengaging Equipment;
 - Mathematical Modelling;
 - Conveying Characteristics and Scale-Up;
 - Latest Developments in Pneumatic Conveying;
 - Modes of Dense Phase Conveying;
 - Laboratory Demonstrations;
 - Industrial Case Studies.

Professor Mark Jones

Professor Mark Jones is Director of the Centre for Bulk Solids (Newcastle Node) and TUNRA Bulk Solids. He is also the Head of the School of Engineering at the University of Newcastle, Australia. Professor Jones has been an active researcher and international consultant in the field of Bulk Solids Handling for over 20 years. He is a fellow of both the Institution of Mechanical Engineers (IMechE), UK and Engineers Australia and was formerly Chair of the IMechE Bulk Materials Handling Committee.

Associate Professor Peter Wypych

Associate Professor Peter Wypych is Director of the Wollongong Node for the Centre for Bulk Solids & Particulate Technologies, and is based within the Faculty of Engineering at the University of Wollongong. He is a Fellow of the Institution of Engineers, Australia, and has been involved with Pneumatic Transportation, Dust Control Technology and Dust Explosions since 1981 and has published over 100 articles in these areas. In 1992, he was awarded the Inaugural A.W. Roberts Award for his significant contributions to Bulk Materials Handling Technology.

Professor David Mills

Professor David Mills was Chief Executive Officer for the Centre for Industrial Bulk Solids Handling and Professor of Bulk Solids Handling at Glasgow Caledonian University in the UK. He was the principal investigator and author of the Pneumatic Conveying Design Guide commissioned by the UK Department of Industry and has been an active researcher and consultant in pneumatic conveying for over 30 years. Since retirement, he has been an active consultant internationally and is Conjoint Professor at the University of Newcastle, Australia.

Dr Tobias Krull

Dr Tobias Krull is the Operations Manager of TUNRA Bulk Solids. He graduated with a BE (Dipl-Ing) from the Technical University of Braunschweig, Germany in 2000 and completed a Doctorate in 2005. He has been involved in a large number of consulting and research projects in solids handling and pneumatic conveying and has published a number of conference and journal papers in these subject areas.

Dr Ken Williams

Dr Kenneth Williams is a Senior Research Associate in the School of Engineering at The University of Newcastle and the Research and Development Manager with TUNRA Bulk Solids. His research focus is in pneumatic conveying systems with a particular emphasis on aerated dense particulate transport. He has also worked extensively on the design and troubleshooting of industrial systems.

Centre for Bulk Solids and Particulate Technologies

The Centre for Bulk Solids and Particulate Technologies is an Australian Key Centre of teaching and research established under the Australian Commonwealth Government's Research Centres Scheme.

It is a unique collaborative initiative of The University of Newcastle and the University of Wollongong. The Centre is built upon the strong foundations of education, research and consultancy in Bulk Solids Technology, which have been in place at these Universities for over 35 years.

Further Information

Should you require any further information regarding the course, please contact:

Danielle Harris

TUNRA Bulk Solids,

University of Newcastle, Callaghan NSW 2308.

Ph: 02 4921 6067

Fax: 02 4921 6021

Email: Danielle.Harris@newcastle.edu.au

