

# Powder Flow 2015: Fundamentals to Applications

Tuesday 14th April 2015, University of Leeds, UK [www.powder-flow.com](http://www.powder-flow.com)

Powder Flow 2015

14<sup>th</sup> April 2015

Yorkshire Bank lecture Theatre, Business School, University of Leeds, Leeds, UK

## Technical Programme

9:20 - 9:50 Coffee and registration

9:50 – 10:00 Welcome and opening statement: Dr Ali Hassanpour (University of Leeds, UK)

### Session 1: Measurement and Characterisation; Chaired by Dr Ali Hassanpour

10:00 – 10:30 Powder flow under dynamic conditions, small quantities and low consolidation: Dr Colin Hare (University of Leeds, UK)

10:30 – 11:00 Powder Caking, state-of-the-art measurement techniques and analysis: Dr Graham Calvert (P&G Technical Centre, Newcastle, UK)

11:00 - 11:20 Coffee break/poster session 1/exhibition

### Session 2: Control, Modification and Manipulation; Chaired by Prof. Mike Bradley (University of Greenwich)

11:20- 11:50 Control and modification of powder flow properties for the process requirements: Dr Rob Berry (University of Greenwich, UK)

11:50 – 12:20 The influence of nanoparticle surface properties on their flow behaviour: Dr Samir Salameh (Delft University of Technology, the Netherlands)

12:20 – 12:40 General discussion for the morning sessions: Chaired by Dr Ali Hassanpour and Prof. Mike Bradley

12:40 – 14:00 Lunch/poster session 2/exhibition

### Session 3: Practical Applications and Case Studies I; Chaired by Dr Tim Freeman (Freeman Technology, UK)

14:00 – 14:30 An overview of die filing for tableting: Dr Csaba Sinka (University of Leicester, UK)

14:30 – 15:00 Influence of powder characteristics on the consolidation behaviour of Ti6Al4V parts produced via cold and hot isostatic pressing: Dr Jason Dawes (MTC, UK)

15:00 - 15:20 Coffee break/poster session 3/exhibition

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## Session 4: Practical Applications and Case Studies II; Chaired by Philippe Rogueda (Aedestra Ltd.)

15:20 – 15:50 **New Materials – new flow challenges:**

Dr Mike Tobyn (BMS, UK)

15:50 – 16:20 **Powder Flow: the missing link in the evolution of powder characterisation:**

Dr Arjen Tinke (Janssen R&D, the Netherlands)

**16:20 – 16:40 General discussion for the afternoon sessions: Chaired by Tim Freeman, Philippe Rogueda,**

**16:40 – 16:50 Poster award: Dr Lyn Daintree (Crystec Pharma)**

**16:50 Close**