



# Powder (non-) Flow Seminar 2017

Tuesday October 17<sup>th</sup>, 2017

- 8:45 Arrival and welcome with coffee/tea
- 9:30 Opening and Introduction Powder Flow
- 9:45 **Gabrie Meesters** – DSM / TU Delft  
*“ Particle Properties in Relation to Powder Flow ”*
- 10:30 **Filip Francqui** – Granutools  
*“ Measuring Powder Flowing Properties ”*
- 11:00 Coffee/tea break (20 min)
- 11:20 **Barry Ridley** – Brookfield-Ametek  
*“ How Much Can Powder Density Predict about Flow Behavior? ”*
- 11:50 **Patrick Verolme** – Delft Solids Solutions B.V.  
*“ Investigating, Predicting and thus Controlling Stickiness and Caking of Powders ”*
- 12:20 Lunch (60 min)
- 13:20 **Elke Riedl** – Anton Paar GmbH  
*“ Powder Characterization with a High-End Rheometer ”*
- 13:50 **Erwin Vogelsangs** – Dinnissen Process Technology  
*“ Applications of Bulk Solids Technology from an Equipment Supplier’s Perspective ”*
- 14:20 Introduction case studies followed by coffee/tea/refreshments break
- Case studies in teams*
- 15:45 Presentations on outcome case studies
- 16:15 Closure and Network Event in Bar
- 17:00 End

## Location:

Worldhotel Wings – Rotterdam

Rotterdam Airportplein 55  
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## Media Partner:

Vakblad Bulk / [bulkgids.nl](http://bulkgids.nl)

**BULK**  
Solids Processing en Handling

## Hosted by:

Delft  Solids Solutions



## Background of speakers

**Gabrie Meesters**



Employed as formulation expert at DSM in Delft and part-time working as assistant professor at TU Delft. Extensive experience in powder processing; granulation, flow behavior, mixing, formulation, and attrition. Also teaches courses in Particle Characterization, Fluidization Technology and Powders and Granules.

**Filip Francqui**



Filip is managing Director at Granutools in Belgium. After having served several positions at ASML and Fei Company, Filip is now since two years affiliated to Granutools. Granutools offers physical characterization tools and test equipment for studying powder behavior ranging from cohesion and compaction to powder flow.

**Barry Ridley**



Barry is sales manager rheometers and powder flow testing equipment at Brookfield Engineering in the United Kingdom. Affiliated to Brookfield for approx. 19 years. Brookfield is widely known for their viscometers but also offers texture analysers and equipment for studying powder flow based on the ring shear testing concept.

**Patrick Verolme**



Patrick is affiliated to Delft Solids Solutions since 6 years as researcher and scientist. Specialized in fundamental assessment of porosity and surface area of solid materials and in experimental powder technology applications such as attrition, segregation and stickiness and caking.

**Elke Riedl**



Elke Riedl is affiliated to Anton Paar in Graz (Austria) as product manager of the business area Rheometry. Anton Paar offers accurate laboratory instruments and process measuring solutions. Currently, a newly-developed powder rheometer based on a viscometer concept can be used to study powder (flow) behavior.

**Erwin Vogelsangs**



Erwin started his career with Dinnissen Process Technology in the Netherlands in 2003 as project engineer after which he became project manager. Currently he acts as an account manager. Dinnissen is specialized in hardware solutions for feeding and discharging technologies of solid products offering complete solutions for pharma, food, feed and related markets.