

18<sup>th</sup> July 2018

*Hilton Birmingham Metropole, UK*

## AGENDA

10.00am - 10.15am	Registration (Tea & Coffee)
10.15am - 10.30am	Welcome & Introduction
10.30am - 11.15am	<b>Guest Speaker</b> Powder Flow - An Industrial Perspective on the Need to Turn “Art” into “Science” <i>David Smith, DJS Process Consulting Ltd</i>
11.15am - 12.15pm	Measuring and Understanding Powder Flow and Powder Behaviour <i>Jamie Clayton, Operations Director, Freeman Technology</i>
12.15pm - 1.00pm	Lunch (complimentary)
1.00pm - 1.45pm	<b>Guest Speaker</b> Optimising Powder Performance through Particle Size and Shape Characterisation <i>Cathryn Langley, Laser Diffraction Product Manager, Malvern PANalytical</i>
1.45pm - 2.15pm	Process Analytical Technology for In-Line Assessment of Powder Behaviour <i>Jamie Clayton, Operations Director, Freeman Technology</i>
2.15pm - 2.30pm	Coffee Break
2.30pm - 3.45pm	Instrumentation Demonstrations
3.45pm - 4.00pm	Closing Remarks

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## CONTRIBUTORS

### freemant**technology**

Freeman Technology specialises in systems for measuring the flow properties of powders and has over 15 years' experience in powder flow and powder characterisation.

The company invests significantly in R&D and applications development, and provides comprehensive support alongside its range of products. Expert teams guide and support users around the world in addressing their individual powder challenges, focusing on delivering the most relevant information for the process.

The result is world-leading solutions that underpin process and product understanding, accelerate R&D and formulation towards successful commercialisation, and support the long term optimisation of powder processes.

[www.powderflow.com](http://www.powderflow.com)

DJS Process Consulting Ltd. was formed by David J Smith BSc., CEng., CSci., FICHEM. Focusing on formulated products, the company's mission is to help clients at all stages of the product development cycle from upstream innovation to delivering an efficient and profitable manufacturing process.

DJS Process Consulting Ltd. will provide strong technical knowledge to move you from formulated product concepts to the selection and design of robust process equipment options to make products at any scale, with the required quality attributes and within identified cost constraints. We are equally adept at being part of a team to deliver a project over a period of time (an interim technical management role) or in a shorter term consulting/trouble shooting environment.



[www.djsprocessconsulting.co.uk](http://www.djsprocessconsulting.co.uk)



**Malvern  
Panalytical**

Malvern Panalytical technologies are used by scientists and engineers in a wide range of industries and organizations to solve the challenges associated with maximizing productivity, developing better quality products and getting them to market faster. Our focus is on creating innovative, customer-focused solutions and services to enhance efficiency and deliver tangible economic impact through chemical, physical and structural analysis of materials.

Underpinned by extensive industry knowledge and technical and applications expertise, Malvern Panalytical instruments are designed to help users better understand a wide variety of materials, ranging from proteins and polymers, particle and nanoparticle suspensions and emulsions, through to sprays and aerosols, industrial bulk powders, minerals and high concentration slurries, and solids, such as metals and building materials, plastics and polymers.

[www.malvernpanalytical.com](http://www.malvernpanalytical.com)

#### Seminar Location

Hilton Birmingham Metropole  
The NEC Birmingham  
Pendigo Way  
Marston Green  
Birmingham  
B40 1PP  
UK

Nearest train station - Birmingham International.

Delegates arriving at Birmingham Airport can take the mono rail to Birmingham International rail station, where they should use the free telephone (signposted with the Hilton logo, adjacent to Subway), the shuttle bus will be able to then collect passengers.

The seminar is free to attend.