



# Analytical Techniques: Empowering Challenges in Additive Manufacturing

**Date:** 15 November 2018 (Thursday)

**Time:** 8.30 AM – 4.30 PM

**Venue:** Singapore Polytechnic - T11A, Level 4 (The Exchange)

## Mark your calendar!

The Additive Manufacturing Workshop is designed to maximise your knowledge and prepare you to solve the materials analysis challenges, whether you are new to these characterisation techniques, looking to sharpen your skills, or investigating the latest technology.



**Dynamic Imaging for Shape and Size  
– A Statistical Solution in Additive Manufacturing**

**Thermal Characterisation of Powders  
and End Products**



**Powder Rheology - The Value of Powder Testing**

**\*Please bring your sample!** Indicate in your email if you wish to evaluate your samples (Limited to 01 sample per participant) on-site with the CAMSIZER XT. Please include MSDS.

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# Analytical Techniques: Empowering Challenges in Additive Manufacturing

## Speakers

**Mr Joerg Westermann**

**Product Manager, Retsch Technology GmbH**

Product manager of RETSCH Technology will share and demonstrate with us the Dynamic Imaging Technique and its relevance in the AM field. Physics by training, Joerg is responsible for Europe, America and Asia, he will share with us his exciting experiences with this meaningful statistical technique that has brought a new dimension to the study of powders for AM equipment manufacturers!

**Mr Nick Grantham**

**Managing Director, Nexus Analytics Pte Ltd**

Nick is the Managing Director of Nexus Analytics in both Singapore and Malaysia. Following his 28 years of involvement in Particle Characterisation, Nick has written numerous papers and presented seminars as well as lectures all over Asia. Let's grab this opportunity for a discussion with Nick in optimising process performance, increasing productivity and improving quality by means of particle characterisation.

**Ms Ho Kok Chin**

**Senior Field Application Specialist, Nexus Analytics Pte Ltd**

Ms. Ho graduated with a MSc. in Polymer Technology from Loughborough University, UK. She works as a field application specialist for 9 years and has extensive experience in the use of molecular spectroscopy instruments, chemical analysis systems and thermal analysers.

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