

Particle Characterization Workshop

Description:

This workshop is for those who are interested to learn more about the various aspects of porous material characterization to study the structural, adsorption, wetting and transport properties of various classes of porous solids.

This workshop will be beneficial for users of BET surface area and pore volume analyzers measuring porous nanostructures, biomaterials, adsorbents, catalysts, membranes, pharmaceuticals, filters etc.

Techniques such as laser diffraction and dynamic light scattering used to characterize particles, colloids and powders from nano to micron-sized range will also be discussed.

Details about the workshop:

In this workshop, you will learn:

- Gas Sorption Measurement Principles for Physisorption
 - Vacuum Volumetric
 - Dynamic Flow Method
- Sample Preparation & Choice of Adsorptive
 - Vacuum Volumetric Isotherms
 - Surface Area
 - Pore Size Distribution & Pore Volume
- Case Studies of Common Applications & Industries
- Traditional versus Modern Particle Sizing Techniques

Date: 26th April 2019, Friday

Time: 10am to 3.00pm

Venue:
25 Bukit Batok Crescent
#08-11
Singapore 658066

Lunch will be provided.

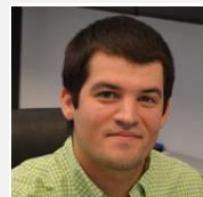
Please RSVP with Sue Li @
sueli.chan@anton-paar.com or contact us
@ +65-6460 4130

About the Speaker:

Dr Francisco Sotomayor
Product Manager

Dr. Francisco Sotomayor is Product Manager for Anton Paar's specialty gas sorption instruments under the Quantachrome Instrument Brand. He travels extensively providing worldwide support on specialized gas sorption topics, including: advanced physisorption techniques, vapor sorption, chemisorption, and high pressure analyses.

Prior to becoming product manager, Dr. Sotomayor was an application scientist within Quantachrome Instrument's scientific team, where he was involved in worldwide application support, customer training, as well as collaborative research projects with academia and industry. Dr. Sotomayor obtained his Ph.D. in Environmental Engineering from the University of Michigan in 2016 and was an Oak Ridge Institute for Science and Education Fellow at the U.S. Environmental Protection Agency.



Dr Herman Teo
Application Specialist

Dr. Herman Teo Herman is the Application Specialist for Anton Paar Singapore Pte Ltd. He obtained his Bachelor and doctorate from Nanyang Technological University Singapore in Materials Engineering. Herman has over seven years' experience in customer technical sales and marketing support for a wide range of particle characterization solutions in many industries.

He is currently responsible for supporting customers in particle characterization and other Anton Paar solutions, and is a regional trainer for the Asia Pacific Technical Centre in Kuala Lumpur.

