

DATA ANALYSIS ZETA POTENTIAL Using Litesizer500

Technical Presentation by Nigel Foong from Anton Paar Malaysia

29th September 2021 | 9:00 am to 1:00 pm

Fee : RM 50

Virtual: Cisco Webex

Introduction

This online short course is designed to prepare users on Post data Analysis of Dynamic Light Scattering (DLS) and Electrophoretic Light Scattering (ELS) measurements using Anton Paar's Litesizer 500.

Introduction of Light Scattering Measurement

- Brief introductory on DLS and ELS Measurement Principles
- Good Practices in Sample Preparation

Electrophoretic Light Scattering (ELS): Zeta Potential Measurement

- Quality Parameters that Influence Zeta Potential Evaluation
- Intra-data Analysis: Monitor & Detector Trace, Optical Density, Conductivity, Phase Plot
- Post data Analysis of ELS: Henry's Function and Recalculation using Different Approximations

Validating Instrument Performance

- DLS Validation with CRM Polystyrene Beads
- ELS Validation with Zeta Potential Control

Deadline Registration

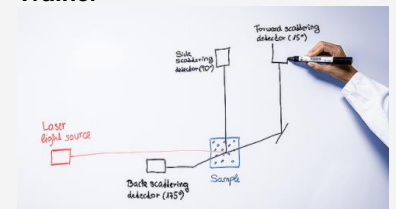
20th September 2021

Payment Deadline

24th September 2021



Trainer



Nigel Foong joined Universiti Tunku Abdul Rahman as Assistant Laboratory Manager for 3 years. He served in laboratory management and look over analytical instruments of material characterization in spectroscopy (FT-IR, UV-Vis, Polarimeter, Fluorescence, AAS), thermal analyzer (TGA, DSC) and X-ray Diffractometer (XRD).

For registration , please kindly scan QR code or send an email to daniel@ump.edu.my or call +60189028935 for more details.

Payment shall be made via ATM cash deposit or online bank transfer before ~~10th July~~ **24th September 2021**. All proof of payments (receipt) shall be presented and attached together with online registration form or email to daniel@ump.edu.my.

Payment should be made into the following account:

Bank Name : Maybank
Beneficiary Name : BENDAHARI UMP
Account Number : 556235304266

