

### Reply Slip

Please confirm your attendance by completing the details and email to us at:

Phone +63 2 548 3200 Ext. 3267

joelrey.tagama@dksh.com (Attn. Joelrey Tagama)

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Company : \_\_\_\_\_  
 Department : \_\_\_\_\_  
 Address : \_\_\_\_\_

#### Attendee 1

Prefix Prof / Dr / Mr / Mrs / Ms

Name : \_\_\_\_\_

Designation : \_\_\_\_\_

Phone / Mobile No: \_\_\_\_\_

Email : \_\_\_\_\_

#### Attendee 2

Prefix Prof / Dr / Mr / Mrs / Ms

Name : \_\_\_\_\_

Designation : \_\_\_\_\_

Phone / Mobile No: \_\_\_\_\_

Email : \_\_\_\_\_

Seats are limited on first come first served basis.

Please reply before November 08, 2019.

### DKSH Philippines Inc.

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## Analysis Made Easy as 1-2-3

### Venue

Limketkai Luxe Hotel

Limketkai Dr, Cagayan de Oro, 9000 Misamis Oriental

### Date / Time

November 13, 2019

08:00 AM – 05:00 PM



Business Line  
 Scientific Instrumentation

## About the course

In partnership with Malvern Panalytical, this seminar aims to provide information, share knowledge and technologies of X-ray fluorescence (XRF) spectrometer and Malvern Particle Size Analyzer that aims to help the chemical industry. The XRF spectrometer is a powerful analytical tool that can obtain useful elemental composition and impurities determination, including purity, heavy metals contaminants and impurities, catalyst and catalyst residues in many products. Following the difference norms, XRF provides better accuracy and precision on analysis. While formulation is critical on final product, Malvern Particle Size Analyzers offers process control and product quality such as measuring the size of powders, emulsions and dispersions, from nanometers to millimeters thus bring stability and quality of the final products produce.

This workshop is hosted by DKSH Philippines and is free of charge including lunch, training materials and certificate of attendance.

### Seminar Highlight

#### Closer look on our Epsilon 4 Benchtop XRF!

In this workshop, we will introduce interactively the basics of XRF with sufficient theory, essential function, and practical tips on how to maximize the use of XRF in your laboratory.

**See our Epsilon 4 up close!**  
**Registration is free!**



Participants may bring their own samples, provided to inform us in advance by indicating in the reply form or contacting our local agents.

### DKSH Philippines at a glance

We are the leading Market Expansion Services provider for companies who want to grow their business in the Philippines. We help companies grow their business in existing markets and expand into new ones. We combine extensive industry and product knowledge with a structured and systematic sales approach to outperform the market and increase our clients' market share.

## Program Schedule

**November 13, 2019**

08:00 - 08:30	Registration and Welcome Remarks
08:30 - 11:30	Workshop: Closer Look on our Epsilon4 Benchtop XRF
11:00 - 11:30	Introduction to Sample Preparation by Fusion
11:30 - 12:00	Phases Identification and Quantification by XRD
12:00 - 01:00	Lunch Break
01:00 - 02:00	Precision Agriculture by Remote Sensing by Dr. Berns of Del Monte Philippines
02:00 - 03:00	NIR, Metamorphic Petrology and Remote Sensing
03:00 - 03:30	Break
03:30 - 04:00	Size Matters: Particle Size Analysis by Laser Diffraction
04:00 - 05:00	Essentials of Chromatography and Application Highlights

## Speakers

**Bernardino (Berns) Jerez Buenaobra**  
**Manager, Plantation Analytics and**  
**Geomatics Department**



**Del Monte Philippines Inc. Plantation**

An Engineering-Physics hybrid, formerly a Researcher in Experimental Optics and Instrumentation Physics at the National Institute of Physics at UP Diliman and long-time educator in technical education and in applied and undergraduate Physics university-level courses at the University of San Carlos in Cebu. While in the industry was formerly Test and Systems Developer, a Design Engineer has both academic and industry professional engagement with combined experience spanning to more than 25 years.

Currently employed at Del Monte Philippines Inc. Plantation ( Bukidnon ) as a Manager for Plantation Analytics and Geomatics Department in the Geomatics Section. His group is responsible for the UAV - Agricultural Drone Program, GIS, Photogrammetric and Remote Sensing, producing data products for image-based analytics and classified maps supporting land preparation, planting, growing and harvest operations in the cycle of the pineapple.

**Alan Boey**

**Regional Product Manager**  
**DKSH Technology Sdn Bhd**



Alan has been in the X-ray analytical instrument business for the past 13 years, servicing various industries from minerals and mining, metal manufacturing to electronics and semiconductor businesses. He had spent a number of years servicing Nickel mining industry of the Philippines, providing analytical solutions for the mining operation and QC labs. Alan is now engaged with DKSH as a regional product manager for South East Asia region, specializing in X-ray analytical instrument and providing solutions to fulfill market requirement in mineralogical analysis with X-ray diffraction techniques as well as elemental determination via X-ray fluorescence methods.

**Mark Mangogtong**

**Product Specialist**  
**DKSH Philippines Inc.**



He is a licensed chemist who has 8 years of experience in analytical analysis focuses on agriculture, mining, foods and material science. He graduated in Visayas State University for BS in Chemistry in 2011. His previous work experience in a testing laboratory for geological samples for 6 years as Shift Supervisor gave him expertise on XRF, AAS, CS analyzer, titration and sample preparation. During his years in his previous company, he was also assigned in a gold mining site. In DKSH, he is assigned as product specialist who handles XRF, XRD, Particle size analyzers, NIRS and fusion.

**Christine Ramos**

**Product Specialist**  
**DKSH Philippines Inc.**



She is a licensed chemist from the University of Sto Tomas. She spend a number of years in a BA/BE LAB as a senior Analyst and QA Auditor for ISO17025:2005. Christine is now the product specialist of DKSH Philippines focusing on chromatography and mass spectrometry for more than 9 years.