

REGISTRATION FEES

Pre-conference workshop fee (inclusive of lecture & practical, module, refreshment and lunch)

Mode	Early Bird (By 15th June 2014)	After 15th June 2014
Student	RM 300	RM 400
Delegate	RM 500	RM 600
International Participant	USD 250	USD 300

PAYMENT

Payment can be made via Cheque or Bank Draft, made payable to 'BENDAHARI UNIVERSITI KEBANGSAAN MALAYSIA'. Please mail Cheque / Bank Draft / Proof of Transaction to:

The Treasurer

Workshop on Oils and Fats

Malaysia International Conference on Oils and Fats 2014 (SMILE 2014)

School of Chemical Sciences and Food Technology,

Faculty of Science and Technology,

UNIVERSITI KEBANGSAAN MALAYSIA

43600 UKM Bangi, Selangor, Malaysia

Tel: +603-8921 3876/5424 (Pn. Nor Fauziana Abdul Aziz)

Fax: +603-8921 5410

Email: bengkelsmile2014@gmail.com

For further inquiry, please contact:

Dr. Suria Ramli

(Call: 03-89215828, e-mail: su_ramli@ukm.my)

Dr. Muhammad Azwani Shah Mat Lazim

(Call: 03-89215446, e-mail: azwani79@ukm.my)

Pn. Norhayati Sulaiman

(Call: 03-89215424, Fax: 03-89215410)

Please visit us at
www.ukm.my/chem/smile2014
for latest update

Workshop on Oils and Fats Instrumentation (DSC and Rheometer)

18-19 August 2014

*School of Chemical Sciences and Food Technology,
Faculty of Science and Technology, UKM Bangi*

In conjunction with

SMILE 2014

SEMINAR MINYAK DAN LEMAK ANTARABANGSA

Organised By:

School of Chemical Sciences & Food Technology

Faculty of Science & Technology UKM

and

Research Instruments Sdn. Bhd.



UNIVERSITI
KEBANGSAAN
MALAYSIA
*The National University
of Malaysia*



**RESEARCH
INSTRUMENTS**

Enabling Next-Generation Science

INTRODUCTION

The Malaysia International Conference on Oils and Fats 2014 (SMILE 2014) is organised in order to provide a national and international platform for researchers, industries, academicians and postgraduate students to promote, strengthen and expand the networking amongst those involved in the research of oils and fats.

In conjunction with the conference, a pre-conference workshop on “Instrumentation of Oils and Fats (Rheometer and Differential Scanning Calorimetry)” will be held on the **18-19th of August 2014**.

OBJECTIVES

1. Updating and emerging of current technologies in DSC and Rheometer
2. Polishing the instrument handling
3. Sharing of research experience and knowledge
4. Providing platform for establishing network and linkages

ACCOMMODATION

Participants are advised to contact respective hotels directly for room reservation. Hotels in close vicinity to the Bandar Baru Bangi (BBB) are as follow:

1. Hotel Bangi-Putrajaya, BBB
2. Puri Pujangga UKM
3. Armani Hotel, BBB
4. Smart Hotel, BBB
5. Palm Garden IOI Resort, Putrajaya
6. Pullman Hotel and Resort, Putrajaya
7. Marriot Hotel, Putrajaya
8. Shangri-La Hotel, Putrajaya
9. The Everly Hotel, Putrajaya

TENTATIVE

DAY 1:

Morning

Opening ceremony

Lecture on Differential Scanning Calorimetry (DSC)

By: Mr. William Lee Soon Jin, Singapore

- Basic Theory and Technique of DSC on oils, fats and foods applications.
- Application examples including melting behaviour, crystallisation, glass transitions, etc.

Afternoon

(by: Mr. William & Mr. Chan Yian Kit, Research Instruments)

Hands on using the DSC and Rheometer in small groups

DAY 2:

Morning

Lecture on Rheometer

By: Mr. Josh Lai, Research Instruments

- Basic Theory of Rheology, different heating systems including pel-tier plate, concentric cylinders, geometry selection,
- Application examples in flow, oscillation and transient modes

Afternoon

(by: Mr. William & Mr. Chan Yian Kit, Research Instruments)

Hands on using the DSC and Rheometer in small groups