

NUCLEAR MAGNETIC RESONANCE (NMR) LIQUID- AND SOLID-STATE (THEORY AND HANDS-ON APPROACHES)



UMS
UNIVERSITI MALAYSIA SABAH

10 – 11 APRIL 2018

JOINTLY ORGANIZED:
**BIOTECHNOLOGY RESEARCH INSTITUTE &
BRUKER**

DAY 1:

1. Complimentary techniques of Liquid- and solid-state NMR & knowledge sharing
 - Introduction of NMR
 - Introduction to hardware and software of IPB facility
 - Overview of the sample preparation technique for NMR
 - Demo of sample run using a both solid- and liquid-state NMR.

DAY 2:

1. Hands on Sample preparation for both solid- and liquid-sample.
2. Classical application – Computer Aided Structure Elucidation (CMCse software)
 - Analysis on pre-recorded NMR spectra
 - Classroom edition CMCse software

** Subject to change depends on organizer decisions*

**VENUE:
INSTRUMENTATION LABORATORY,
BIOTECHNOLOGY RESEARCH INSTITUTE**

Registration Fees

Students	RM 250
Government / Academician	RM 450
Industry	RM 550

Deadline for submission of registration:
5th April 2018.

Limited to 15 participants in order to ensure that each participant obtains hands on experience in the laboratory.

**FOR REGISTRATION, PLEASE CONTACT:
DR LING YEE SOON / MR. HASLAN ROSLIE**
Secretariat
BIOTECHNOLOGY RESEARCH INSTITUTE, UMS
Tel: 088-320000; ext. 8533, Fax: 088-320993
E-mail: lingyeesoon@ums.edu.my



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