

# Advanced Molecular Spectroscopy Registration

Fax Back Reply on 03 9212 8595 by 8 May, 2009

Name	
Title	
Company Name	
Department	
Address	
Address	
City	
State	
Postcode	
Telephone	
Fax	
Email	

Name	Email

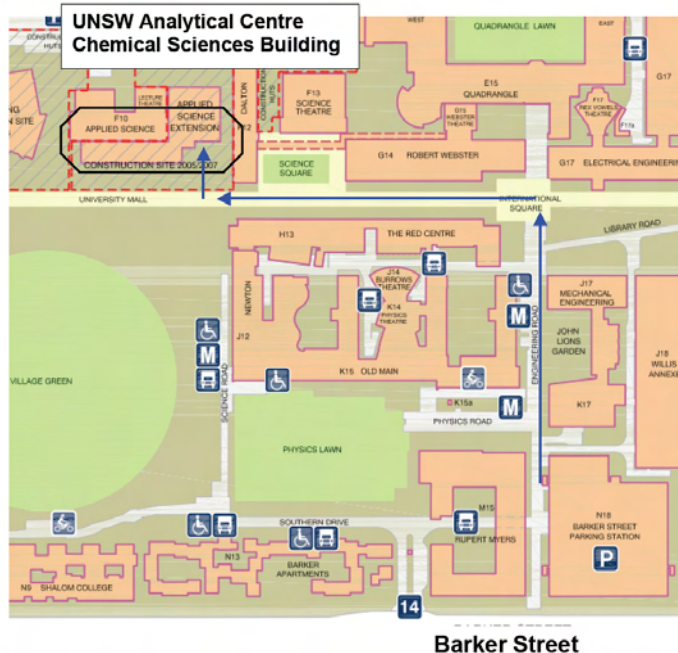
Registration Cost	
Number of People	
Total Cost per Person	\$ 500
Total Cost (excl GST)	\$
GST	\$
Total Cost (incl GST)	\$

Please tick as appropriate

**Sydney** on 13 & 14 May, 2009

Venue: Analytical Centre  
Chemical Sciences Building  
University of NSW

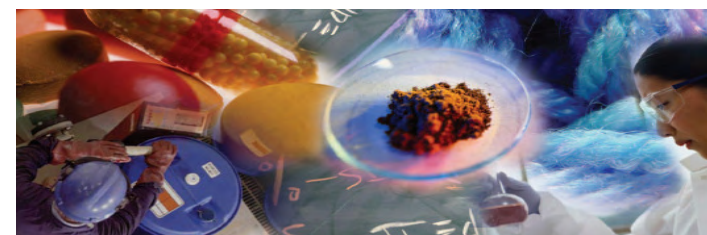
Map and Directions



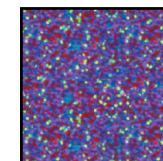
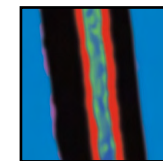
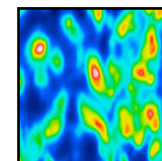
Park in Barker St multi-story car park (enter via gate 14, Barker St)

Go along Engineering Rd to the University Mall and down past the Webster Building and the café.

The Chemical Sciences Building is the long glass-fronted building to your right. Enter via the first set of glass doors and follow the signs to the registration area and seminar room.



# Advanced Molecular Spectroscopy



**FT-IR, FT-NIR and Raman Imaging Workshop**



**PerkinElmer**<sup>®</sup>  
*For the Better*

# Imaging Agenda

## Day 1 : Advanced Workshop

- 09:00-09:15 Welcome and Introduction
- 09:15-12:30 Microscopy & Imaging Theory
- Transmission
  - Reflection
    - Specular
    - Diffuse
    - ATR
- 13:30-16:30 Workshop

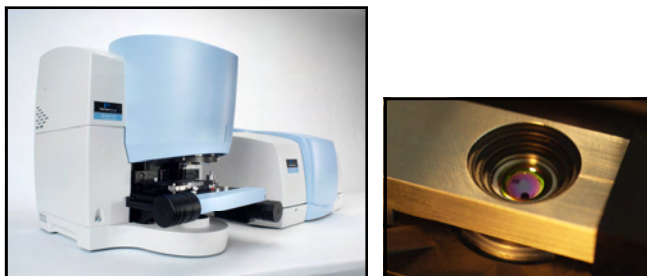
## Day 2 : Advanced Workshop

- 09:00-10:00 Software
- Mapping
  - Imaging
- 10:15-12:30 Raman
- Theory
  - Sampling
  - Imaging
- 13:30-16:30 Workshop
- 16:30 Close

(Refreshments and Lunch will be provided)

## Spotlight 400

The Spotlight 400 has the ability to collect 170 high-quality spectra per second, so you can now obtain higher quality images faster than ever before. This translates to superior insights in the research lab; improved diagnostic and troubleshooting results in analytical labs and, ultimately, a better understanding of products, materials and tissues.



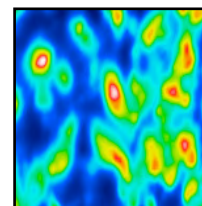
## RamanStation

Every compound has its own unique Raman spectrum, providing a virtual fingerprint for identification. Identifying, characterizing and investigating the structures of a wide range of material types are easier than ever using the RamanStation 400. It is equally capable of analyzing organics, inorganics, polymers and biomaterials, providing you with high-quality data in a matter of seconds.

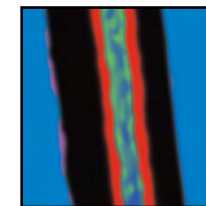


## What you can learn

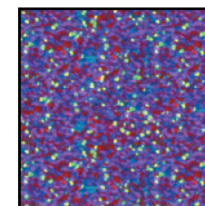
Acquire the specific knowledge that you need to become even more efficient and productive when working with your Imaging system. Learn techniques of sample preparation, identification and interpretation.



Depth profiling



ATR imaging of a polymer laminate



Ingredient distribution

## Certificates

On completion of the imaging workshop PerkinElmer will issue certificates.

## The Trainers

The Advanced Workshop will be conducted by:

### Dr Chuang-Fong Kong

Product Specialist, UV-Vis & FTIR  
PerkinElmer Australia

### Mr John Arthur

Product Specialist, FTIR & Raman  
PerkinElmer Australia