

# Material and Particle Characterisation

TEST DRIVE THE LATEST CHARACTERISATION INSTRUMENTATION

29-31 OCTOBER 2014 RMIT UNIVERSITY, CITY CAMPUS, MELBOURNE

This workshop will enable you to compare a range of different analytical techniques. Presentations, demonstrations and time for “hands on” may provide you with new insights into the wealth of data now available.

## **When:**

Open for three days, from Wednesday 29th to Friday 31st October between 9am and 5pm.

**Where:** RMIT University, Technology Enabled Active Learning (TEAL), Blg 14, Level 6, Room 16

## **Daily Contents:**

**Presentation:** An overview of the principles and capabilities of each of the technologies on show.

This will be on each day from 10.00am to 10.45am, followed by refreshments.

**Demonstration:** The individual instruments will be demonstrated at 11.00am and 2.00pm each day. Topics will include sample presentation, standard operating procedures and data analysis.

**Hands on:** For most of the time throughout these three days the instruments will be available for participants to operate and for sample analysis.

*This is a great opportunity to compare these technologies in the one location.*

## **Registration:**

Please contact us to register.

We look forward to seeing you at the workshop.

[Registration form](#)

RSVP: 26th Oct 2014

For further information

call **02 9541 3500** or email  
[enquiries@atascientific.com.au](mailto:enquiries@atascientific.com.au)

## **ON SHOW FOR TEST DRIVE**

### **SCANNING ELECTRON MICROSCOPE (SEM)**



- Desktop
- Fast (<30sec)
- Affordable
- Fully integrated X-Ray (EDS) for Chemical ID

### **NANOPARTICLE TRACKING ANALYSIS (NTA)**



- Size, Count & Visualise individual nanoparticles
- Fluorescence mode enables detection of labelled particles

### **NANOPARTICLE SIZE & MOLECULAR WEIGHT**



- Nanoparticle size
- Zetapotential
- Molecular weight
- Aggregation behaviour

## **ALSO**



Nanolane SEEC slides for real time, label free nanoscale imaging using a regular light microscope.