Venue

Bruker Pty Ltd
1/28A Albert St
Preston VIC 3072
Australia

Additional courses

Because of the large use of X-ray fluorescence in industry, research and education, Bruker Pty Ltd offers the following specific and tailored courses in the area of XRF: These courses can be conducted either onsite or in Bruker's office in Melbourne:

- XRF hardware course
- Standardless analysis
- Quantitative analysis
- PetroQuant
- Sample preparation

Hotel Reservation

Bruker have negotiated a special rates deal with Mantra Bell City Hotel (205 Bell St Preston VIC 3072) for participants during the course week.
For details and to make a reservation please contact Mr Neil Hughes on (03) 9474 7000 or email: neil.hughes@bruker.com

Reaching Bruker from Mantra Bell City:

For guests staying at Mantra Bell City, car transport between the hotel and the office will be provided.

Attendance fee

A$2,200.00 (+GST) per person including course materials, lunch, refreshments and a mixer function. Please notify us if you have special dietary requirements. Travel and accommodation are not included in the course fee.

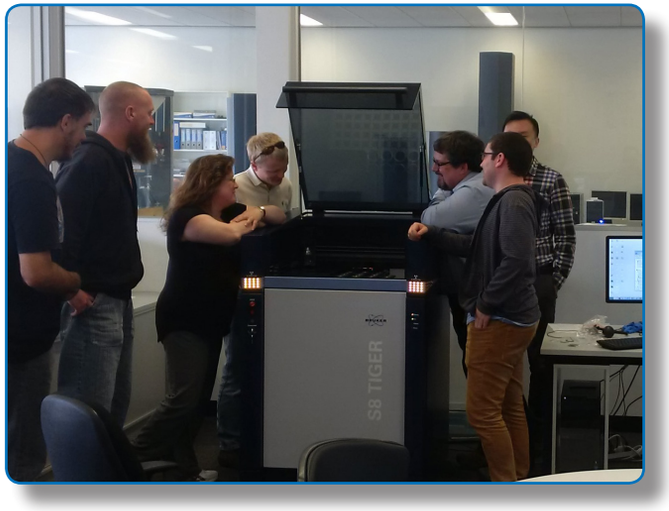
Cancellation

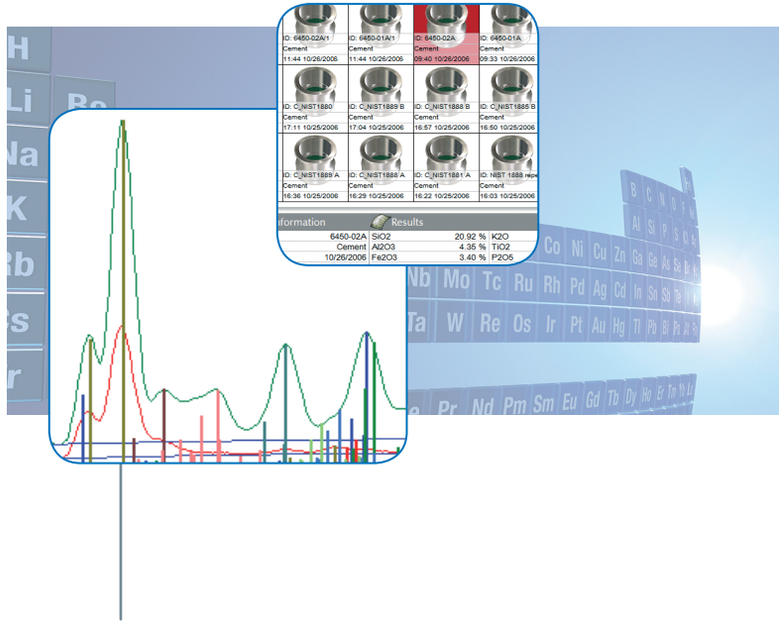
For cancellation within 10 working days before the start of the course, we will charge a cancellation fee of 30 %. Booked persons not attending the course without having given prior notice will be fully charged.

Laptop Requirements

Please note customers must provide Windows 7 Professional or Windows 10 Professional laptop with local admin access for the course. Some functions will not be available with Windows Home. If possible, the training application will be setup the week before the course via Webex.

The user will be provided with a 3 month license and data for three applications to assist in embedding the course content.





Introduction to SPECTRA^{plus} V3 / V4

4 days training: fundamentals of wavelength dispersive XRF and introduction to the external software package

Dates: 14-17 October 2019
Time: 09:00 - 17:30

Half Day Workshop – XRF Scientific

During this half-day workshop, the basics and benefits of fusions for XRF analysis will be covered including:
Advantages of fusion vs pressed powders
Overview of fusion process
Flux selection
Oxidants and releasing agents
Typical applications
Problems with beads
Use and care of platinum ware
Automated fusion equipment

Your instructors

Mr Elvy Grigolato has worked in the field of XRF for more than 35 years. During this time he has worked for sixteen years in the aluminium industry, 10 years at James Cook University and joined Bruker shortly after the Australian office was opened. During regular visits to the applications laboratory in Karlsruhe and working in Asia, he has gained exposure to applications not routinely performed in Australia and New Zealand. He is currently the Bruker application support scientist supporting Australia, New Zealand and South East Asia. He is also a technical assessor for NATA and IANZ for ISO17025.

Danny Verbeeten is a chemist with XRF Scientific and provides application support and product training for new sample preparation equipment. He operates a small applications laboratory for fusion methods development as well as quality control analysis. He has over 20 years experience as an analytical chemist in a variety of laboratories both government and commercial. Danny has expertise in a wide range of metal and mineral analytical techniques including EDXRF, spark emission and ICPAES.

Your benefits

- Detailed knowledge of methods and practices
- An optimum understanding of Bruker AXS X-ray hardware and software
- Answers to questions and problems

Program

1st day
- Introduction to XRF
- Basics of X-ray spectrometry
- XRF sample preparation methods – Danny Verbeeten (XRF Scientific)

2nd day
- Introduction to SPECTRA^{plus} Version 3 / 4
- Specifying measurement jobs
- Standardless XRF analysis with SPECTRA^{plus}
  - Spectrometer alignment
  - Standardless drift correction
  - Defining Compounds & Preparations
  - Running & Evaluating Samples
- Service Tools
  - How to use service tools to resolve common problems
  - Turning off the instrument correctly
  - Changing the counter gas
  - WebEx support
- Calibration – a case study
  - Defining compounds
  - Defining standards
  - Defining preparations
  - Defining the measurement method

3rd day
- Calibration – a case study
  - Optimizing measurement parameters and conditions (interactive data collection)
  - Optimizing measurement parameters and conditions (automatic data collection)
  - Running Standards
  - Optimization of the calibration with different parameters
  - Reporting data
  - Validating your calibration

4th day
- Calibration – a case study
  - Drift correction
  - What to do if you need to recalibrate
- Additional features in SPECTRA^{plus} to simplify routine analysis
- Question and answers to your problems in a group setting

Order Form

Introduction to SPECTRA^{plus} V3 / V4

Date: 14 - 17 October 2019
Time: 09:00 - 17:30

Yes, I/we will attend.

Participant information

Name, First Name
Position, Department
Phone
E-mail
Company
Street/Post Box
City/PostCode/State
Country
Contact Person
Date, Signature

☐ Different invoice address

Company
Street/Post Box
City/PostCode/State

Detach here!

To register:
Scan the QR code / visit
https://goo.gl/WAHgis
OR
Fax completed forms to 03 9474 7070