Alpha Spectrometry
Monday 9 – Friday 13 October 2017

This programme will give a practical and theoretical knowledge of the identification and measurement of alpha particles using silicon detectors. The University has state-of-the-art-radiation detector laboratories that are used extensively in the delivery of the programme. This programme includes an element of distance learning, with extensive e-learning materials provided both pre- and post-course.

Who is the course for?
This programme is aimed at highly motivated mid-career engineers and scientists working in the field of radiation detection in industries including:

- Nuclear
- Healthcare
- Military & Security
- Scientific research
- Manufacturing.

What will delegates learn?
By the end of this course delegates will have a full understanding of:

- The origins of alpha particles
- The natural series of radiation decay
- The properties of alpha particles
- The type of detectors which can measure the energy of alpha particles
- Sampling strategy.

What does the course cover?

- Measuring alpha peaks
- Sampling strategy
- Examples of chemical and ion exchange procedures.

Venue
2nd floor, CPD Suite
Central Teaching Hub
University of Liverpool
Liverpool
Merseyside L69 7BX

Delegate fee
£1,650.00

For more information, please contact:
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Or visit:
http://payments.liv.ac.uk/short-courses/cpd/school-of-physical-sciences/physics/alpha-spectrometry

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