

Tutorial / Workshop session

XRF: what can we do with them?

Part 2: XRF Outside of the Box

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XRF has for many years been carried out using laboratory based instruments placing constraints on the size and the nature of the samples that could be measured.

How do you quickly check if?

A Victorian fur coat contains traces of mercury

A fence post contains arsenic

That blue dot on a priceless painting, is it cobalt or Prussian blue

50 steel bars on the back of a lorry before you take delivery

You are mining in the correct place by monitoring the Cr content of the ore online

This water sample contains traces of Pb

This talk will look at ways that XRF can be taken to the sample and also how out of the box thinking can dispel the myths of what you can do with the technique.