

## **Analytical techniques for forensics: strengths and limitations**

*Monday, 20 May 2019 16:30 (0:45)*

### **Content**

- Requirements for forensic investigations
- The current landscape of elemental imaging / mass spectrometry imaging / direct mass spectrometry techniques –to give the participants an overview of upcoming techniques and an appreciation for how nuclear techniques may fit within this landscape.
- E.g. XRF, SEM-EDS, LA-ICP-MS, CyTOF, LIBS compared with PIXE ; Direct and imaging mass spectrometry methods – paper spray, DESI, MALDI, MeV-SIMS, LESA, Dart MS
- This lecture should be particularly useful for researchers/practitioners who wish to broaden their knowledge of new analytical chemistry methods

### **Summary**

**Presenter(s) :** BAILEY, Melanie (University of Surrey, England)

**Session Classification :** notitle