

Objectives

Whilst targeted testing of commodities for potential contaminants is a well-established tool to support consumer protection, analytical tools to detect the unexpected are becoming more readily available in a range of disciplines. Many of these methods now allow scientists to detect the unexpected or characterise samples in far more detail than has ever been possible before and in areas beyond consumer protection or healthcare.

A scientific workshop to discuss “Detecting the unexpected” is being hosted by Fera working with the InterLab community and in collaboration with the launch of the major Food Integrity EU project. This workshop will explore the use of state-of-the-art non-targeted methods for chemical analysis and molecular biology through a mixture of short presentations. Structured discussions will be used to articulate the new challenges this technology offers.

Topics (to be confirmed)

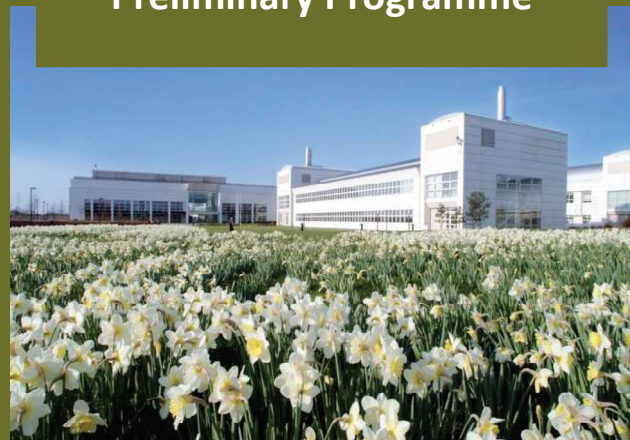
- What does it mean to “detect the unexpected”?
- High resolution chemical analysis of complex matrices
- Challenges in high resolution molecular biology
- Data management and visualisation
- Future applications and requirements

InterLab

InterLab was established in 2006 as a vehicle through which seven key public sector research establishments (Dstl, Fera, AHVLA, CEFAS, HSL, PHE and CAST) could develop and enhance aspects of UK scientific capability. The Scientific Support Group seek to share expertise in chemical and microbiological testing, in particular for novel or complex applications such as might arise after a major contamination incident.

Detecting the unexpected

Preliminary Programme



Monday 24th February 2014

Sand Hutton, York, UK

To register, visit www.fera.co.uk/events/foodIntegrity2014

For enquiries, e-mail food_authenticity2014@fera.gs.gov.uk



Department
for Environment
Food & Rural Affairs



The Food & Environment
Research Agency