

Implementing MCERTS for the chemical testing of water – Essential statistics

- 09:00** *Registration and coffee*
- 09:30** **Introduction to course**
- 09:40** **Introduction to MCERTS**
- 10:00** **Essential statistical parameters**
- 10:20** **Workshop 1: Calculating the essential parameters**
- 10:50** *Coffee*
- 11:10** **MCERTS validation experiment: The 11x2 design**
- 11:25** **Introduction to significance testing**
- 12:00** *Lunch*
- 12:45** **Interpretation of the 11x2 design – Analysis of variance**
- 13:15** **Evaluating precision for MCERTS**
- 13.45** **Workshop 2: Evaluating precision**
- 14:45** *Tea*
- 15:05** **Evaluating bias for MCERTS**
- 15:30** **Workshop 3: Evaluating bias**
- 16:30** **Determining the limit of detection**
- 16:50** Discussion
- 17:15** *Close*

All timings are approximate