



Setting standards
in analytical science

Statistics for Analytical Chemists

- 09:00 *Registration and coffee*
- 09:30 Introduction to course
- 09:40 **Introduction to statistics: Description of data**
- 10:00 **Workshop 1:** Calculation of statistical parameters
- 10:40 **Introduction to significance testing**
- 11:00 **Workshop 2:** Choosing a significance test
- 11:10 *Coffee*
- 11:30 **Significance testing: *t*-tests**
- 11:50 **Workshop 3:** Significance testing: *t*-tests
- 12:25 **Significance testing: F-test**
- 12:40 *Lunch*
- 13:40 **Workshop 4:** Significance testing: F-test
- 14:10 Control charts
- 14:25 **Analysis of Variance: ANOVA**
- 14:55 *Tea*
- 15:15 **Workshop 5:** ANOVA
- 15:50 **Linear regression: interpretation and pitfalls**
- 16:20 **Workshop 6:** Linear regression
- 17:00 Review of course
- 17:15 *Close*

Individual times approximate