

## Fatty Acids & Lipid Chemistry, Biology & Analysis

a popular lecture programme with presentations from

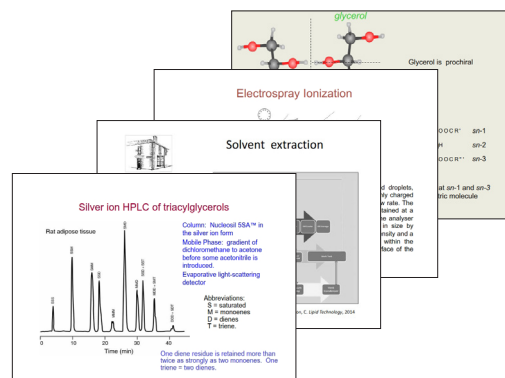
Mr Peter Clough, Professor Bill Christie, Dr Charlie Scrimgeour & Professor Terry Smith

at the James Hutton Institute, Dundee, UK | Thursday 22 & Friday 23 February 2018

Designed for those working with lipids in the food, oleochemical, cosmetic and pharmaceutical industries, or in academia, to provide an introduction to the analysis, chemistry, physics and biochemistry of lipid molecules.

### Topics will include:

- Structure and natural occurrence of fatty acids and lipids
- **Essential chemistry of double bonds and the carboxyl group**
- Commodity oils and oilseeds – global market and processing
- **Speciality oils containing Omega-3 and Omega-6 fatty acids**
- Physical properties – melting behaviour, surface activity and structure determination
- **Lipid biology**
- Analysis -
  - Separation and analysis of lipid classes
  - Analysis of fatty acids
  - Analysis of molecular species and positional distribution
- **Lipidomics – analytical methods and applications**
- Long chain polyenes in human nutrition
- **Oils and fats as renewable resources**




Full price: £1100 + VAT (or 1230€)

Full time registered students: Reduced cost of £549 + VAT (or 615€)

10% discount for GOED members. This includes transport to and from the the Apex City Quay Hotel and lunch on course days, dinner at the Apex City Quay Hotel on 22 February, and course materials. This does not include accommodation however, a corporate rate of £87 (single occupancy) for bed and breakfast has been agreed with the Apex City Quay Hotel, Dundee and bookings can be made directly with the hotel. A web link for booking will be provided on receipt of your registration.

For further information and registration forms, please contact [laura.paterson@huttonltd.com](mailto:laura.paterson@huttonltd.com)

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