

This is a popular lecture programme, 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.

## PRESENTATIONS FROM



Mr Peter Clough



Dr Gary Dobson



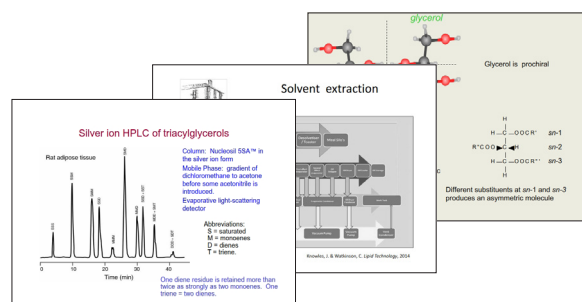
Dr Charlie Scrimgeour



Professor Terry Smith

## 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



Full price: £1100 + VAT (or 1250€). Reduced cost of £549 + VAT (or 625€) for full time registered students. **10% discount for GOED members.**

Price includes transport to and from the the Apex City Quay Hotel and lunch on course days, dinner at the Apex City Quay Hotel on 28 February, and course materials. It does not include accommodation however, a corporate rate of £76 single occupancy for bed and breakfast (£87 double) has been agreed with the Apex City Quay Hotel, Dundee. Booking information will be provided on receipt of your registration form.

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