

Geochemistry & Basin Modelling Training Courses: 2, 3 or 5 Days



Held at Hallsannery, Bideford, Devon, UK

**2 Day Introductory
Geochemistry**

• 17 - 18 March 2014

**3 Day Advanced
Geochemistry**

• 19 - 21 March 2014

**3 Day Basin
Modelling**

• 19 - 21 March 2014

Fees & Booking

- The cost for the 2-day Introductory geochemistry course is £1200 + VAT
- The cost for the 3-day Advanced geochemistry or Basin modelling course is £1800 + VAT
- The cost for the 5-days Introductory & Advanced Geochemistry course, or Introductory & Basin modelling course is £2600 +VAT

*This price includes tuition, course notes and lunches and evening meals on Monday and Wednesday - accommodation is **not** included.*

Please see our website for an online booking form: www.igiltd.com

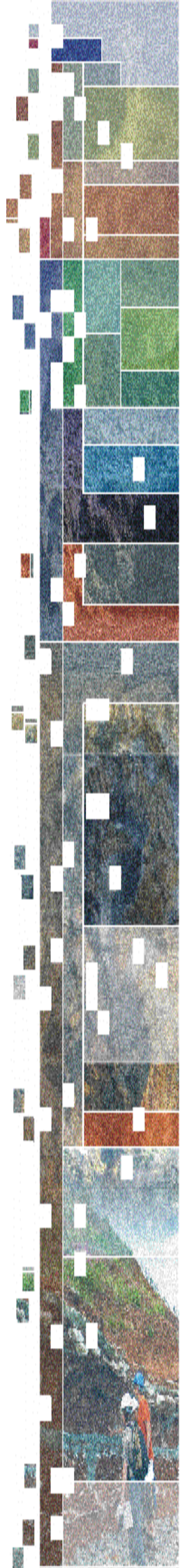
Or email Helen Davis to book a place on: helendavis@igiltd.com

Draft Programme overleaf...



The
Geological
Society

endorsed training course



Draft Programme

<p>Day One: Introduction to Petroleum Geochemistry: The Study of Organic Carbon Geochemical Sampling & Analysis: Obtaining Detailed Data Source Rock Deposition: Turning Organic Matter into Kerogen Source Rock Characterisation: Elemental vs. Petrographic Kerogen Introduction to Interpretive workshop – p:IGI Workshop: Source Rock Characterisation (Source Rock Quality and Potential)</p>	<p>Day Two: Thermal Maturity Indicators: Paleothermometers Workshop: Petrographic Inspection of Source Rocks Generation: The Kinetics of Oil & Gas Workshop: Source Rock Characterisation (Source Rock Maturity and Generation) Hydrocarbon Expulsion: Getting oil & gas out of the source rock Hydrocarbon Migration: Source to Conventional Reservoir</p>
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Followed by one of these options:

<p>Advanced Geochemistry Days 3-5</p> <p>Introduction to biomarkers Sampling & analysis for advanced geochemistry Biomarker interpretation: Origin and source Workshop : Biomarker interpretation (identification) Biomarker interpretation: Source rock depositional environment Biomarker interpretation: Source rock age</p> <p>Biomarker interpretation: Source rock age Maturity assessment: Biomarkers Workshop: Maturity Petroleum alteration: Migration and fractionation Petroleum alteration: Biodegradation & water washing</p> <p>Stable carbon isotopes in petroleum geochemistry Oil-oil and oil-source correlations Correlations: Examples and case histories Workshop: Oil-oil and oil-source correlation Recognizing and deconvoluting oil mixtures Final discussions</p>	<p>Basin Modelling Days 3-5</p> <p>Introduction to maturity and basin modelling for hydrocarbon exploration Workshop 1: Entering your simple model Inputs to maturity modelling Workshop 2: Adding lithologies to your model Temperature calibration of basin models Workshop 3: Discussion of principles of modelling and thermal calibration</p> <p>Maturity calibration of basin models and sensitivity analysis Workshop 4: Maturity calibration options – revisiting thermal calibration Geothermics Workshop 5: Integrated calibration – effects of unconformities and compaction Recognising and characterizing source rocks</p> <p>History of maturity modelling and kinetics Workshop 6: Adding kerogens for generation and expulsion Source rock volumetrics Workshop 7: Building a pseudowell from seismic data Final discussions</p>
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