

Introduction to Modal Analysis

October 6th 2009
Loughborough, Leicestershire

Introduced by NDO Consultants Ltd. *in association with Data Physics UK Ltd*

Modal Analysis has been used for many years as a method of understanding structure dynamics in products both large and small.

This seminar will provide an introduction to Modal Analysis for engineers who are new to the methods, in addition to providing a great overview for managers and other engineers who find themselves involved in the use of Modal results without fully understanding how they have been produced or what they mean.

Each presentation will be accompanied by a practical session to demonstrate the methods and processes to successful Modal Analysis. Covering Impulse and Shaker excitation, FRF capture, processing, and validation, this seminar stands alone for those wishing to get a good grounding in Modal techniques or makes an excellent introduction to our Advanced Modal Analysis Seminar.

To be held at Loughborough University's new Wolfson School facility, including lunch, refreshments and full course notes the seminar cost will be **£170+vat per delegate**.

The places are limited so please book early by completing and sending the attached booking form along with your payment or order number to

Bookings
NDO Consultants Ltd.
Luperon
41 Aintree Drive
Rushden
Northants NN10 0YS

Seminar Agenda

9.00 – 9.30	Arrival/Registration
9.30 - 9.40	Introduction – <i>Neill Ovenden – NDO Consultants Ltd</i>
9.40 – 10.00	An Overview of the Modal Process Workflow – <i>Ian Strath - DataPhysics</i>
10.00 - 11.00	An Introduction to Modal Theory – <i>TBD</i>
11.00 – 12.00	Refreshments
12.00 – 13.00	Excitation of Structures <i>inc. Practical Demonstration - Ian Strath – DataPhysics</i>
13.15 – 14.00	Lunch
14.00 – 15.15	Modal Processing and Analysis <i>inc. Practical Demonstration - Steve Coe - DataPhysics</i>
15.15 – 15.30	Refreshments
15.30 – 16.45	Validation of Modal Analysis <i>inc. Practical Demonstration – Ian Strath – DataPhysics</i>

**Booking for One day Seminar
 Introduction to Modal Analysis
 Tuesday October 6th 2009
 Loughborough, Leicestershire**

Please book..... places on the Modal Analysis seminar @ £170+vat per delegate.

Cost £..... VAT (15%)..... **TOTAL COST**

Delegate Names	Email Address
.....
.....
.....
.....

Company Name and Address: Telephone No.....

Town

County

Postcode

Company Order No.

Signature of Delegate or Company representative

Please print name Position

Directions and joining details will be sent approximately 2 weeks prior to the event **by email**, please ensure delegate email address is completed above.

NDO Consultants reserves the right to make alterations to the published agenda.
Cancellations must be made more than 21 days prior to the event, any cancellation after this time will be subject to full charge and NO Refund

Please send completed booking form to: or Fax to 01933 358943

**Bookings
 NDO Consultants Ltd.
 Luperon
 41 Aintree Drive
 Rushden
 Northants NN10 0YS**