

## ***The Practical Basics of Vibration Shaker Testing***

**Tuesday, November 10 2009  
Loughborough, Leicestershire**

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

This seminar is aimed at engineers who are new to the field of Vibration Shaker Testing, engineers who are associated with the testing world whilst not actually involved with testing and for test engineers who have experience without a full understanding of the processes.

The primary aim of this seminar is to provide valuable practical information to engineers and managers to improve the understanding and application of Vibration Shaker testing in project and product programmes.

This Shaker Testing seminar will cover the following:

- Introduction and overview of Vibration Shaker testing and its equipment, methods and purpose
- Shaker construction details, limits and uses
- Common problems and errors when setting up shaker testing, best practice advice,
- Fixture Design
- Practical demonstration of best practice and effects of bad set up

We have gathered together subject specialists and engineers of many years test experience, from a range of testing backgrounds.

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 - 10.40	Basics of Vibration Signal Processing – <i>Ian Strath – DataPhysics UK</i>
10.40 – 11.40	Shaker testing basics – points to consider – <i>Ian Strath – DataPhysics UK</i>
11.40 – 11.50	Refreshments
11.50 – 12.50	Test Specifications – <i>Brian Tyler – Atomic Weapons Establishment (AWE)</i>
12.50 – 13.35	Lunch
13.35 – 14.35	Fixture Design – <i>Steve Coe – Data Physics UK</i>
14.35 – 15.35	Practical set up of Shaker tests – Sine, Random, Shock – <i>Ian Strath Data Physics UK</i>
15.35 – 15.45	Refreshments
15.45 – 16.45	Practical set up of Shaker tests – Sine, Random, Shock – <i>Geoff Murphy – Data Physics UK</i>

**Booking for One day Seminar  
 The Practical Basics of Vibration Shaker Testing  
 Tuesday November 10 2009  
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Please book..... places on Shaker Testing seminar @ £170+vat per delegate.

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

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

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

Town .....

County .....

Postcode .....

Company Order No. ....

Signature of Delegate or Company representative .....

Please print name ..... Position .....

Confirmation and Invoice for your booking will be sent along with directions to the Conference centre within 28 days

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

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