

Welcome to the March 2009 issue of the monthly Newsletter from Vibration-test.co.uk, the Engineering portal for all R&D, Test and Product Lifecycle information.

To register for the Newsletter or to send your relevant information, links, exhibition dates or papers to us send it by email to [info@vibration-test.co.uk](mailto:info@vibration-test.co.uk)

[www.vibration-test.co.uk](http://www.vibration-test.co.uk) will be continually developed and updated, help us make it the resource it should be.

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## News for March 2009:



News from Data Physics UK Ltd [www.dataphysics.com](http://www.dataphysics.com)

DataPhysics are pleased to announce details of their SignalCalc DSA. This is a "No Hardware" version of Data Physics SignalCalc Dynamic Signal Analyser software, designed to allow the analysis of pre-digitised data from virtually any source without the need for the data acquisition front end hardware. Data input can be from a DAT recorder, your Data Acquisition System or a Data Physics throughput file. SignalCalc DSA provides unrivalled data analysis, graphical annotation, display and signal export capabilities.

Download Full Release - [DOWNLOAD](#)



**Only 1 month to go to Vibration Shaker Testing training**  
[http://www.ndotraining.com/Course\\_Calendar\\_Book\\_online.html](http://www.ndotraining.com/Course_Calendar_Book_online.html)

With just 1 month to go until the 'Practical Basics of Vibration Shaker Testing' and 'Advanced Vibration Shaker Testing' training seminars, now is the time to book for these invaluable days education. Both days stand alone as individual training courses, so there is no need to attend both days if it is not necessary. If you are a beginner or relatively new to Vibration Shaker testing, then day 1 will be ideal, this would also be of great value to engineers and managers not directly involved with shaker testing but maybe involved with design, results or specification. Day 2 is targetted at engineers with some knowledge or experience of shaker testing and an interest in the more complex test regimes, SRS, Time Replication, Combined Environment (temperature and vibration) etc.

Book now for a reduced rate for attending both days. Download [Day 1 \(Practical Basics\) Booking Form](#) [Day 2 \(Advanced\) Booking Form](#)



**SELEX GALILEO** News from Selex Galileo [www.selexgalileo.com](http://www.selexgalileo.com)

#### **Selex Galileo joins Vibration-Test.co.uk**

Based in Edinburgh, the SELEX GALILEO UK Environmental Engineering Centre of Excellence is a UKAS accredited test house offering world-class facilities, solutions and experienced professionals delivering a comprehensive range of environmental testing capabilities to support both military and commercial customers. Our established facility has been operating for over 40 years delivering unparalleled levels of service to a wide range of customers.

Download Full Details - [DOWNLOAD](#)



**PCB PIEZOTRONICS** Ltd News from PCB Piezotronics Ltd [www.pcb.com](http://www.pcb.com)  
[www.imi-sensors.com](http://www.imi-sensors.com)

#### **PCB Launch New Capabilities Brochure - Sensors for Aerospace Testing & Monitoring**

PCB Piezotronics has announced the release of a new, full colour capabilities brochure entitled, "Sensors for Aerospace Testing & Monitoring." The brochure highlights specific sensor and instrumentation products available for qualification testing; ground vibration testing; vibration and fatigue testing; structural dynamics; engine vibration monitoring; flight test; launch, shock and separation studies; Health and Usage Monitoring Systems (HUMS); cabin noise evaluation; wind tunnel testing; and flutter testing.

Download Full Release - [DOWNLOAD](#)

#### **PCB Launch New High-Temperature Accelerometer for Automotive Exhaust System Testing**

Model 357B65 high-temperature, piezoelectric charge output accelerometer from PCB Piezotronics, Inc. operates in temperatures ranges of -54 to +482° C, and is designed for vibration studies in the high-temperature, ambient environments found in power generation turbines and equipment, aircraft engines, and automotive vehicle engine test and exhaust systems.

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Visit the Website for other news [www.vibration-test.co.uk](http://www.vibration-test.co.uk)

#### **Exhibition News:**

**MAINTEC 2009** 17-19 March 2009, NEC, Birmingham, visit [Maintec 2009](#)

**MTEC Sensors Measurement and Instrumentation** 25-26 March 2009, NEC, Birmingham, visit [www.devicelink.com/expo/mtec08/index.html](http://www.devicelink.com/expo/mtec08/index.html)

#### **Useful Weblinks:**

[Efunda](#) - Extensive online engineering, maths and physics reference guide

[diracdelta](#) - Science and Engineering Encyclopedia

[Glossary](#) - Glossary of Vibration Terminology from the Vibration Institute, USA

[EEVL](#) - Edinburgh Engineering Virtual Library  
[UKAS](#) - United Kingdom Accreditation Service

## Training:

**'Practical Basics of Vibration Shaker Testing'** - Tuesday 21 April 2009  
*Cost £160+vat per person inc. Refreshments, Lunch and Full course notes*  
*Payment required with booking.*  
*Venue - Loughborough University, Loughborough, Leicestershire*  
Book Now at [www.ndotraining.com](http://www.ndotraining.com)

**'Advanced Vibration Shaker Testing'**- Wednesday 22 April 2009  
*Cost £160+vat per person inc. Refreshments, Lunch and Full course notes*  
*Payment required with booking.*  
*Venue - Loughborough University, Loughborough, Leicestershire*  
Book Now at [www.ndotraining.com](http://www.ndotraining.com)

## Thought for the Day:

**'For fast acting relief, try slowing down'** - Lily Tomlin

If your colleagues would like to register for future editions of the Vibration-Test.co.uk newsletter they can visit [http://www.vibration-test.co.uk/Register for Newsletter.html](http://www.vibration-test.co.uk/Register%20for%20Newsletter.html) alternatively use this link and fill in their email addresses in the body of the email [info@vibration-test.co.uk](mailto:info@vibration-test.co.uk)

If you would like your news included in the next issue of Vibration-test.co.uk News or if you would like your company listed on the site , please contact NDO Consultants Ltd on 01933 358943 or email [info@vibration-test.co.uk](mailto:info@vibration-test.co.uk)

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