Condition Monitoring – Training Workshops and Equipment Exhibition

Co-located with NDT 2018

East Midlands Conference Centre and Orchard Hotel, Nottingham, UK

Tuesday 11 September 2018 from 08h00-16h30

Five workshop sessions: Lubrication Analysis/Infrared Thermography/ Condition-Based Maintenance/Acoustic Emission/Vibration Analysis

- Exhibition of equipment covering all methods
- Each workshop will provide industry-focused basic knowledge of the subject
- One hour and 30 minutes of basic theory and industrial applications
- Workshop leaders are trainers and are experts in their fields
- The subject is taught from a basic level, no prior subject knowledge is necessary
- Ideal preparation for PCN Level 1 courses
- Find out how basic CM technology can solve your everyday problems
- See equipment demonstrated by the tutors at the exhibition

£60 plus VAT includes five workshop sessions, access to the exhibition, lunch, tea and coffee. CPD points apply and attendance is FREE for CM2018/NDT2018 conference delegates.

Textbooks at an introductory level are available for purchase at the event.

Tutors:

Lubrication Analysis – 08h00-09h30

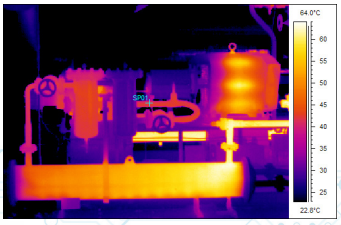
Steve Greenfield, Eaton Aerospace

As chair of the condition monitoring technical committee (CMTC) for the British Institute of Non-Destructive Testing (BINDT), Steve Greenfield works with industry and academia to further the application of condition-based maintenance and prognostics. Principally working with on-line oil and oil debris monitoring techniques, Steve brings over 35 years of experience to the workshop.

Infrared Thermography – 09h30-11h00

Colin Pearson, Head of Building Performance, BSRIA Ltd

Colin has 40 years' experience in Building Services Engineering and is a Fellow of BINDT and Cat III Thermographer having worked in thermal imaging of machinery and buildings for 23 years. BSRIA is a research and consultancy organisation for the Building Services industry. This introduction is based on ISO 18434 and ISO 6781 with reference to temperature rise and avoidance of errors.



Condition-Based Maintenance (CBM) – 11h00-12h30

Simon Mills, Managing Director, SpectrumCBM Ltd

Simon is a Fellow of BINDT, a PCN Cat IV vibration analyst and trainer and has over 40 years of practical experience. CBM is recognised as a cost-effective strategy to improve the effectiveness of maintenance programmes, allowing maintenance to be proactive, rather than reactive. This overview is based on ISO 17359:2018 and explains the benefits of using a structured approach to select and implement effective CBM techniques.

Acoustic Emission – 13h30-15h00

Tim Bradshaw, Mistras Group Ltd

Tim has been working with Mistras Group (formally Physical Acoustics) since 2000, researching and developing acoustic emission monitoring applications. His experience covers the condition monitoring of a wide variety of machines and structures in many industries.

Vibration Analysis – 15h00-16h30

Dean Whittle, Training & Reliability Manager, Reliability Maintenance Solutions Ltd

Dean has over 31 years' experience in electromechanical engineering and during the past 20 years has been committed to implementing plant reliability and condition monitoring improvement programmes throughout UK industry, covering power, paper, petrochemical, automotive, quarries, film/plastic, food, electronic, service and engineering manufacturing industries. He is an approved VA Cat IV trainer for the BINDT ISO 18436-2 accreditation programme and has spoken at a number of BINDT and Institute of Mechanical Engineers conferences.

BINDT THE BRITISH INSTITUTE OF NON-DESTRUCTIVE TESTING

For registration, please complete the form and send to the address below.

For further information contact: Conferences and Events Department, The British Institute of Non-Destructive Testing, Midsummer House, Riverside Way, Bedford Road, Northampton NN1 5NX, UK.
Tel: +44 (0)1604 438300; Fax: +44 (0)1604 438301; Email: conf@bindt.org

Name:..... Company:.....

Address:.....

Tel:..... Fax:.....

Email:.....

Attendance required: 11 September ❑ BINDT Member: Y/N

Method of payment: Company order ❑ Credit card ❑ Cheque ❑ Other ❑

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