

REGISTRATION FORM: ANDSCAN® Training Course

Date Required:

Delegate's Name

Company

Address

Tel: Fax:

Nationality (for security reasons)

*Delete as applicable

Two-day ANDSCAN® training course @£500.00 £500.00

First additional day (Thursday) @£250.00

Second additional day (Friday) @£250.00 _____

Sub-Total _____

VAT _____ @ 17.5% _____

TOTAL _____

Course enquiries initially to:

Sue Allan
Structural Materials Centre
QinetiQ Ltd
Cody Technology Park
Farnborough
GU14 0LX
Tel: 01252 394303 Fax:01252 395000

E-mail: SALLAN1@qinetiq.com

QinetiQ



QinetiQ

(formerly DERA)

ANDSCAN® Training Course

2 to 4 days (Flexible)

Course tuition is by the developers of the ANDSCAN[®] scanning system, which is manufactured and marketed under licence by Krautkramer UK Ltd.

The main two-day training course comprises technical presentations of the ANDSCAN[®] for Windows software and associated hardware, hands-on practical training using delegates' own equipment, and presentations on scanning with ultrasonics, eddy-currents and low-frequency vibration methods such as Mechanical Impedance Analysis (MIA). Different versions of ANDSCAN[®] can be catered for, up to the latest commercially available version. Additional technical presentations on related NDT topics can be included if there is sufficient interest and time.

The cost of the first two days is £500 + VAT inclusive of lunch, refreshments and a set of course notes. Up to two additional days can be attended, at a cost of £250 + VAT per day, during which the course delegates will receive practical assistance with specific technique development.

The course is suitable for ANDSCAN[®] users who need to develop NDT scanning techniques. An understanding will be assumed of NDT in the disciplines with which the user wishes to use ANDSCAN[®].

A certificate of attendance will be provided for the purposes of Continuous Professional Development and NDT personnel certification.

The course runs from 9 am to 5 pm each day. Delegates should bring their own scanning systems, flaw detectors and samples for scanning practice and advice.

Course trainers:

Robert Smith

Robert Smith gained an MA degree in Physics from the University of Cambridge and an MSc in Applied Acoustics from Kings College, London. During six years at the National Physical Laboratory (NPL) he was involved in establishing a National Measurement System for medical ultrasound field characterisation and contributed to the preparation of international standards. In 1989 he moved to the Royal Aerospace Establishment, Farnborough, later the Defence Evaluation and Research Agency (DERA) and then QinetiQ Ltd. Whilst there he developed the ANDSCAN[®] portable scanning system and arranged for

its commercial exploitation, receiving the DERA Technology Transfer Prize in 1997. Robert Smith has authored over 60 publications and was awarded the John Grimwade Medal for 1995 and 2001, and the Roy Sharpe Prize for 1996 by the British Institute of Non-destructive Testing, of which he is a Fellow and a member of the Council, Technical Committee and Publications Working Group. He is also a Fellow of the Institute of Physics, a Chartered Physicist and a Chartered Engineer. As a QinetiQ Fellow, his current areas of interest include: ultrasonic spectroscopy, NDE of corrosion for ageing aircraft, ultrasonic inspection of structural composites, in-service scanning, and NDE instrumentation.

Lyn Jones

Lyn Jones joined the NDE Group in the Structural Materials Centre of DERA, Farnborough, in 1987 where he is a Scientist, specialising in ultrasonics and eddy currents. Prior to this he spent 3 years at Marconi Underwater Systems concentrating on ultrasonic transducer development. Lyn was heavily involved in the design and development of the prototype ANDSCAN[®] portable scanning arm at DERA Farnborough, before it was commercially exploited, and has continued to be heavily involved in its development and testing. He is currently responsible for the management of the ultrasonics laboratory at Farnborough.

Jamie Bending

Jamie Bending graduated from the University of Kent with a BSc degree in 1992 and from University College, London with an MSc in Physics in 1994. After 3 years in the Magnetics Group, he joined the NDE Group in the Structural Materials Centre of DERA Farnborough in 1998, where he is a Scientist specialising in NDT systems development. Jamie is responsible for developing much of the recent software for ANDSCAN[®] 2000, including multi-element array transducer capabilities and optical encoder positioning. He also has considerable experience in computer and instrumentation troubleshooting.