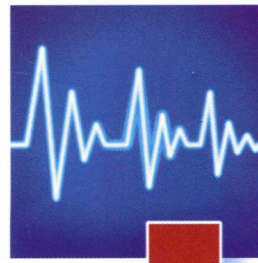
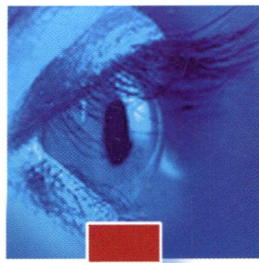
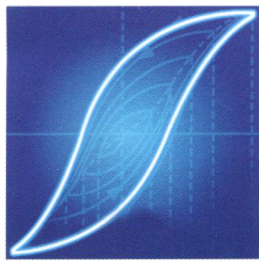


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Insight

Non-Destructive Testing and Condition Monitoring

September 2013



Published by:
 The British Institute of Non-Destructive Testing
 Newton Building, St George's Avenue
 Northampton NN2 6JB, UK
 Tel: +44 (0)1604 89 3811
 Fax: +44 (0)1604 89 3861
 E-mail: info@bindt.org; Website: www.bindt.org

European issues of **Insight** are published by
 The British Institute of Non-Destructive Testing with the support of The European Federation for Non-Destructive Testing and the cooperation of individual European NDT Societies

EF European Federation for
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NDT

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COVER

This month's front cover shows a 16th century Dutch master painting being examined with GE's phoenix x-ray high-resolution vltomelx computed tomography system to determine its authenticity. This valuable painting, estimated to be worth approximately €2.5 million, had been stolen by the Nazis for Herman Göring from a Jewish art collector in Amsterdam, who died when trying to escape. It has recently been secured for a very small sum at a flea market in Austria.

In the X-ray images, the extremely poisonous colours used in this period, such as white lead, can clearly be displayed due to the high absorption of the heavy metals. Internal details of the wooden frame construction also helped to confirm its authenticity and restitute it back to the collector's family.

(With courtesy of F Renz and the Klimt Science Team, ACI, Leibniz University, Hannover, Germany.)

GE Measurement & Control
www.ge-mcs.com/x-ray

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