

News Archive

January - October 2006

2nd - 6th October 2006

TRAINING COURSE (Masters Module)

A week long course of lectures and practical sessions was held in ETCbrunel to train academic and commercial attendees in the theory and operation of equipment for materials analysis. With contributions from all our staff members, this course gave delegates theoretical and hands-on experience of equipment such as Scanning Electron Microscopy and Atomic Force Microscopy, and highlighted applications in diverse areas including metal fatigue, environmental science and biomedical devices.

For more information on this and future courses, please contact: robert.bulpett@brunel.ac.uk or see our [courses pages](#).

18th September 2006

RESEARCH PRESENTATION

ETCbrunel research on the fatigue of steels in diesel engine components, conducted in association with Delphi Diesel Systems, is presented to the International Conference on Fatigue Damage of Structural Materials in Massachusetts, USA, by Research Associate Dr. M. Kabir.

For more information please contact: robert.bulpett@brunel.ac.uk

21st July 2006

ACCREDITATION

Following the United Kingdom Accreditation Service (UKAS) inspection of 19th July, ETCbrunel are pleased to announce further accreditation of SUPRA FEG-SEM techniques, and successful migration to the new British Standard.



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“Accreditation by UKAS ensures that conformity assessment bodies have been independently evaluated for their competence, impartiality and performance capability. The MoD requires that degree of confidence if it is to rely on third party certification of its suppliers.” - Ministry of Defence



Dr Gossett Oliver, left, receiving the President's Research Initiative Award

11th July 2006

NEW APPOINTMENT

Dr. Gossett Oliver joins ETCbrunel as a visiting researcher. Dr. Oliver is on sabbatical from his position as Dean of the Faculty of Engineering in the University of Technology, Jamaica.

Whilst at ETCbrunel, Dr. Oliver will use the centre's facilities and expertise to continue and enhance his work on metal hardening using Jamaican Blue Mountain coffee and on environmental pollution control and land remediation.

27th June 2006

RESEARCH

Dr. Alan Reynolds, ETCbrunel's deputy director, launches a new European research project on environmental pollution. Increasing concern about the detrimental effect of micro- and nano-sized particles on human health has led to the initiation of new studies into the levels and origins of particulates in the atmosphere in European cities. Dr Reynolds will be working in partnership with environmental monitoring teams in the London Borough of Hillingdon and researchers at Gdańsk University of Technology, Poland - using the microscopy facilities of ETCbrunel to study the elemental composition and morphology of particulate matter. For more details please e-mail: dr.alan.reynolds@brunel.ac.uk

Open Day Presentations

part of the
Special Research Institutes
Open Week



Dr. Robert Bulpett, Vice-Chancellor Chris Jenks and Dr. Alan Reynolds inspect the laboratory.

ETCbrunel held an OPEN DAY on 26th April 2006 to showcase its facilities and research projects. Well attended by representatives from industry, academia and government, the event was part of the Special Research Institutes Open Week. A response to the University's call for research excellence, this event highlighted the Centre's quality research output and research training, as well as providing opportunities to build strategic relationships with other academic institutions, funding councils, government and the private sector. Events in Brunel during 2006 are also part of the celebrations of 40 years of Brunel University and 200 years since the birth of Isambard Kingdom Brunel!

Delegates were introduced to the Centre by the Vice Chancellor of Brunel University, Prof Chris Jenks, and the Director of ETCbrunel, Dr Robert Bulpett. The day was made up of tours of the laboratory and demonstrations of the analytical equipment, as well as discussions with staff members, and presentations of the Centre's services and research. Copies of selected poster presentations are now available here.

5th March 2006

NEW APPOINTMENT

Dr. Benjamin Jones is joining the centre from 1st March 2006, as a Research Fellow. Ben will manage and coordinate the research output of the centre, continue his work in forensic science and develop the use of scanning probe microscopy. Press Release.