

News Archive *October - December 2006*

18th December 2006



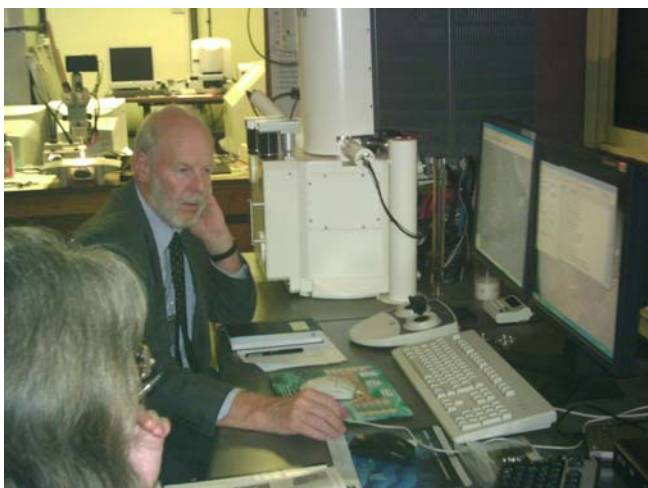
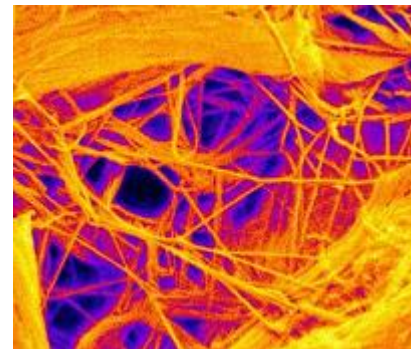
RESEARCH AND DEVELOPMENT PROJECT

ETCbrunel and TMD Technologies Ltd have secured funding from the London Development Agency's Secondment into Knowledge scheme for a project on microscopy and failure analysis of novel metallurgical materials. A member of TMD's staff will be seconded to ETCbrunel on a part-time basis for a period of six months, as part of the scheme to disseminate knowledge and expertise from universities into small and medium-sized enterprises.

15th December 2006

IMAGES

Dr Alan Reynolds' image of trypsin-purified porcine dermal collagen (Permacol™), features as "November" in The Royal Microscopical Society's 2007 Calendar. This image was taken with the Centre's Zeiss Supra 35VP FEG-SEM, and is part of ongoing work in association with Dr Ian Kill and Martin Figgitt in the Centre for Cell and Chromosome Biology at Brunel.



Above:
FEG-SEM image of 3-D collagen matrix

Left:
The Director, Dr Robert Bulpett, demonstrates use of the high resolution FEG-SEM for analysis of fractured material.

The FT-IR can be seen in the background.

12th December 2006

SEM TRAINING COURSES

ETCbrunel training course entitled "Introduction to Scanning Electron Microscopy" ran on 4th - 6th December 2006 with a shorter one-day introduction for industry running on 12th December. These courses give delegates theoretical and practical knowledge of scanning electron microscopy (SEM), including imaging techniques, high resolution SEM, and energy dispersive X-ray analysis. With a highly hands-on approach, running from sample preparation through image collection and compositional analysis, these courses are designed to give delegates a sound working knowledge of SEM use. ETCbrunel offers a discount scheme on future instrument use by course attendees.

Further courses are scheduled for 2007, for more information please see our courses section.

Due to the laboratory-based nature of this course places are extremely limited, so act now to avoid disappointment!

Right:
SEM course delegates at a presentation in ETCbrunel. The wall display shows research posters on machining efficiency and cardiovascular implants

