



SORBY NANO
INVESTIGATION CENTRE

SORBY NANO NEWS

www.sorbynano.org

Keeping you up-to-date with news and events at Sorby Nano

Welcome...

To the 2nd edition of Sorby Nano News. This quarterly newsletter will keep you up to date on news and developments that are taking place. In this edition we look at events that the Sorby Nano team have attended and hosted, which has enabled us to engage with our industrial partners and increase awareness of the services we can offer. We also feature in this edition, the arrival of the Olympus LEXT microscope to our extensive microscopy suite at the Sorby Nano Investigation Centre.

Professor Mark Rainforth, Director of Sorby Nano.

Events hosted by Sorby Nano...

Advanced material analysis for solving industrial problems - Millennium Galleries, Sheffield: 2nd April 2008

Thank you to all who helped to make this such a great event. We had an excellent turnout, with a high attendance rate and tremendous feedback - all testament to the content and quality of the presentations. The evening gave representatives from industry the opportunity to meet researchers in materials analysis and learn more about Sorby Nano's capabilities.

Visits

The Sorby Nano team visited local companies in March and April, these informative and interesting site tours enabled us to outreach and engage with local companies. They have included Sheffield Forgemasters, Corus, TWI, Steeltec AG and MACH 2008 exhibition

Nano and medical technologies: a partnership to explore - Millennium Galleries, Sheffield: 24th April 2008

As part of our commitment in helping develop the South Yorkshire economy the Sorby Nano Centre was delighted to host the Nano and Medical Technologies event. The event brought together leading companies and academic researchers from the region to learn how a multidisciplinary research approach can help drive the innovation process. Congratulations to the winner of the bottle of Moët & Chandon champagne – Ann Dawtrey (right) accepted this on behalf of Single Use Surgical Ltd, based in Barnsley.



In this issue

Page one

Welcome
Events hosted
Visits
Fascinating fact

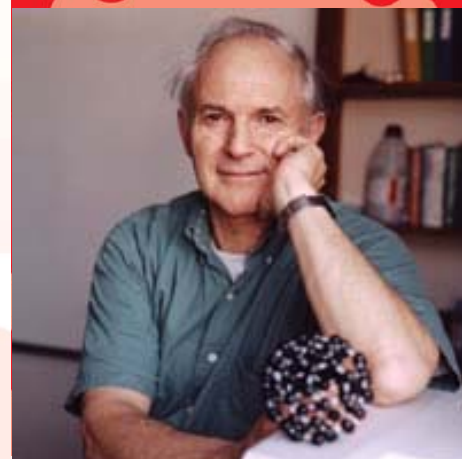
Page two

Event news
Equipment update
In the press
Dates for the diary
Contact us

Fascinating facts!

Did you know?

Sorby Nano is based in the Kroto Research Institute on North Campus. The building is named after Sir Harry Kroto, a University of Sheffield alumni and 1996 chemistry, noble prize winner for the discovery of fullerenes.



Call us on +44 (0)114 222 5981



Other news events...

March

- Sorby Nano exhibited at the Midlands Manufacturing Exhibition, Ricoh Arena, Coventry. This is the largest Midlands engineering exhibition show and attracts many local businesses from the area.
- On Thursday 13th March, Sorby Nano hosted a table at the Managing Directors Club dinner, at Cutlers Hall, Sheffield. The dinner was compared by the Master Cutler, Mr Gordon Bridge and his wife Mrs Janet Bridge, with Kevin Parkin, Managing Director of DavyMarkham as the keynote speaker. Guests on the Sorby Nano table included industrial representatives from No-Mo-IR, Tinsley Bridge, Metro Technology Ltd, Sheffield Forgemaster's and Metalysis Ltd.
- Sorby Nano held the monthly Kroto Research Institute lecture. Dr Wei Huang of the Sorby Nano discussed the novel and innovative benefits of the Raman Confocal Microscope to the staff and students of North Campus.

April

- The Royal Microscopical Society conference titled 'Electron Backscatter Diffraction' was held at the North Campus Conference Centre at the beginning of April.
- Sorby Nano co-sponsored the Nano 2 Profit event which took place on North Campus. This event was aimed at regional companies who wanted to understand the business opportunities available to them through nanotechnology. The event was well represented by local industry and had a number of speakers including Authentix Ltd, ITM Power LTD and Filtronic who have benefited from using nanotechnology.

Equipment update

In partnership with Olympus, cutting edge providers of microscopy equipment, Sorby Nano took arrival of the LEXT OLS3100 microscope (see right) in February. This is the latest evolution of 3D laser confocal metrology. The LEXT is a confocal laser scanning microscope for ultra-precise measurement and observation and meets a diverse range of needs in fine surface profile measurement.



In the press

The Sorby Nano advice column continues to feature in the South Yorkshire Business Magazine, topics so far have discussed the importance of understanding nanotechnology, microstructure and the partnership between nano and medical technologies sectors.

The centre has also expanded its portfolio of customer case studies, adding the novel Raman Tweezers Microscopy technique to its list of capabilities and highlighting the work it has undertaken with Sheffield Forgemasters.

Dates for the diary...

20th May 2008 – Rapid manufacturing event 'Innovative manufacturing processes for delivering customised solutions' will include a talk from Sorby Nano held at TWI, Rotherham. www.eventsforce.net/04sytt

11th & 12th June 2008 - Sorby Nano is to exhibit at the North West Manufacturing Technology exhibition, Reebok Stadium, Bolton. Come and see us on stand F56!

24th June - The annual North Campus Symposium takes place this summer. We are thrilled once again to be visited by Sir Harry Kroto, 1996 chemistry noble prize winner for the discovery of fullerenes. Visit www.sheffield.ac.uk/northcampus for more details.

Contact us - For further information on any of our services please contact:

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