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B Cryo

BRITISH CRYOGENICS

August 2011

Dear Reader,

Cluster Season in British Cryogenics is truly under way. The Second Cluster Summit hosted by The Oxford Science Park gave us a measure of how far we' ve come in a year, with reports on Marketing and Technical progress from David Cooke at Thames Cryogenics and Bill Graham from CCFE at Culham. Local Enterprise Partnership Chairman Martin Dare-Edwards not only gave us an on-target account of this new body, but has already proved to be a Cryogenic Cluster Champion, helping us open doors to potential UK government support for overseas marketing, on which David Cooke is leading.

Q3 Cluster Working Groups meet in August, with CLUSTER DAY coming up fast behind on Sep 28th - see later for directions to book your table-top space NOW.

As always, you can get in touch via cluster@bcryo.org.uk if there' s anything you feel we should report, or news you want to share. Do pass B Cryo on - [encourage more readers to sign up by clicking here.](#)

Best Wishes from B Cryo!

B Cryo Clips



BP Stats: Review of World Energy

This report, in its 60th year and published every June, is one to set your clock by. Of particular cryogenic interest is the trajectory of the LNG market. While overall global gas trade went up a not too shabby 10% in 2010, that was outpaced by LNG shipments, up all of 22.6%. Full report available free [here.](#)

Mitsubishi EXTREM

Staying with LNG, Mitsubishi Heavy Industries has introduced a new, sleek LNG ship design carrying 155,000 cubic metres of LNG. Who knows, in the future British ship-spotters may only have to go to Milford Haven or the Thames



to see them bringing in gas. More information available [here](#).



Ultra Cold Atoms

Published by part of the Institute of Physics empire in celebration of an anniversary of its EPL publication is this presentation from the Laboratoire Kastler Brossel in Paris which you can find [here](#). More Parisian science from these celebrations [' A quantum trampoline for ultra-cold atoms'] can be found [here](#).



Info on ITER

The following website offers a wealth of cryogenic insights on ITER; contracts with IDOM, Howden, Karlsruhe, Babcock Noell, Furukawa and Iberdrola. It is a useful roundup of transactions over a period of time. [Click here to access the website](#).

Do send in any news or stories you' d like to put in front of the cryogenic community round the world to cluster@bcryo.org.uk [Next deadline week four in August]

Cluster Events & Activity

We've already reported briefly on the highly successful Cluster Summit (held on July 13th at the Oxford Science Park), addressed by Dr Martin Dare-Edwards - who has kindly made material on the Cluster and his talk available [here](#).

Since the meeting, amongst the multiple outcomes, David Cooke has arranged to meet UKTI to seek support for export promotion for the Cluster (as a direct result of Martin' s assistance) and we have strengthened links with the British Compressed Gas Association.

The Chief Executive of BCGA is attending Bill Graham' s next Cluster-Tech Meeting at Culham on August 18th. Don' t miss it!

August also sees the other Q3 Cluster Group Meetings: the Marketing Group on August 17th and the Skills Group at Siemens Magnet for those with specific interest in Cryogenic Education & Training needs.

Then, the BIG ONE: our all-day Cluster-Fest at Rutherford Appleton on Sep 28th - [Register now by clicking here](#). For table-top space on Cluster Day in September, please contact Mark Wells on mark.wells@stfc.ac.uk

The programme for this year' s Cluster Day will be slightly different to 2010 - because it' s BIGGER & BETTER! Sir Martin Wood will start proceedings in the Lecture Hall; Professor Harry Jones will help us celebrate Cryogenics in Oxfordshire. We will have presentations, a bigger trade show in the Exhibition Area, and lab visits with demonstrations, ending again with talks on future applications of cryogenics.

Other Events

A comprehensive guide to events with a cryogenic connection can be found on the

British Cryogenic Council (BCC) website at www.bcryo.org.uk/events. We're thinking of stealing the ' Majors' concept from the world of golf, so watch out for developments here - and let us know if you think we have the correct pick of events to track. We look forward to Cluster Day being one of them.

New Members

A very warm welcome to Safety Gas Detection (Lancashire), the University of Sheffield (Yorkshire), and Quantum Production (Buckinghamshire). Our new members have put Lancashire and Yorkshire on the Cluster Map!

Safety Gas Detection

Based near Preston, Lancashire and led by Tim & Emma Holmes, Safety Gas Detection manufacture and supply cryogenic equipment. They also conduct safety and hazop studies; provide installation, calibration and servicing of oxygen and other gas detection systems. Find out more by clicking [here](#).



Quantum Production

The British Quantum! Located in Worminghall (not far from Oxford), Quantum design, make, and install electronic products for the Cryogenic Industry, with a heritage going back over thirty years. Cryogenic monitoring products include auto refill units and liquid level gauges with applications including Bio Storage Freezers and LNG Transport. You can find out more by clicking [here](#).



The
University
Of
Sheffield.

The University of Sheffield

Richard French from Sheffield will tell us more about their cryogenic activity in a future issue - when he gets time to write it down!

Organisations wishing to join the Cluster should get in touch via cluster@bcryo.org.uk. In return for the British Cryogenics Council support for B Cryo, Cluster members are required to become Corporate Members of BCC at <http://www.bcryo.org.uk/join.php>

If you would like to add your contacts to the confidential B Cryo mailing list, do sign them up by clicking [here](#).

www.bcryo.org.uk

cluster@bcryo.org.uk



British
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