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B Cryo: Floating, Foreign and Fahrenheit

June 2011

Dear Reader,

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Steady growth of the Cluster continues thanks to B Cryo reaching places actively engaged in cryogenics which might not necessarily have been seen in the mainstream cryogenic body before now. This month, we're delighted to welcome Apiezon and McNaughton Dynamics bringing specialisations ranging from lubricants to inflating aircraft tyres!

With more new members, and more on the way, we're pleased to hear that more members are doing more business with each other. Claridge Scientific for example, ' has taken three orders as a direct result of membership of the Cryogenic Cluster.'

Do pass this issue on to anyone you think may be interested but is not yet receiving B Cryo, and if you have anything to report, get in touch via cluster@bcryo.org.uk.

[Click here](#) to subscribe to this newsletter. The previous issue is available if you [click here](#).

Best wishes from B Cryo!

B Cryo Clips



Making LNG At Sea

Weighing in at 600,000 tonnes (six times the largest aircraft carrier) and made in Korea, Shell has given \$10bn approval for the Prelude LNG project, with the world's first large floating LNG plant, to be moored 200 km off the Australian coast for 25 years. [Click here](#) to read more information.



Is Anyone Better Qualified ?

There's certainly a Doctor (or two) in the house at Cryogenic Ltd ! Indeed, as a result of recent recruitment activity reflecting the company's success, nineteen out of sixty six employees hold a PhD - ensuring high calibre attention to customer needs. [Read more details here.](#)



Thames Crosses Channel

Growth in demand from France for the range of vacuum superinsulated cryogenic transfer lines made by Thames Cryogenics in Oxfordshire, England has prompted the company to open not one, but two offices in France, complementing an existing European presence in Rotterdam. The main office is near Marseille, with a satellite in Brittany, close to large concentrations of food industry clients. For more information, contact David.Cooke@thamescryogenics.com



What's Hot in Cryogenics ?

B Cryo readers may find it useful to refer to Elsevier's quarterly rankings of the top 25 articles from their journal 'Cryogenics.' In January to March 2011 they include items ranging from properties of glass-fibre reinforced PEEK (15), to a model of a liquid helium transfer line at the Canadian Light Source (16). Read more information by [clicking here.](#)



Superconductivity

With so much going on this year marking the centenary of discovering superconductivity, [here is a link](#) made available by the Institute of Physics to a collection of highlights which readers may find useful.

If you have any stories you'd like to put in front of the cryogenic community round the world, please put them forward! Please send them in to cluster@bcryo.org.uk before June 24.

Cluster Events

July 13: Following the Q2 round of Cluster Meetings, next up is the Cluster Summit - designed to give Business Leaders a quick, complete Cluster update, and an opportunity to have their say, The Cluster Summit will take place on the Oxford Science Park at 4pm and will be addressed by Dr Martin Dare-Edwards, Chairman of the Local Enterprise Partnership in Oxfordshire, and a keen supporter of the Cluster.

September 28: Momentum is building for Cluster Day, with an improved mix of seminars, trade show and lab visits this year at Rutherford Appleton Laboratory. Registration is now open [click here to follow the link](#). Anyone with seminar material or wishing to exhibit in the table-top trade show should contact john.vandore@stfc.ac.uk.



On November 17 (at Daresbury Laboratory) and November 18 (at Rutherford Appleton) Professor Dirk van Delft will give a talk on 'The Leiden Cryogenic Laboratory and the Discovery of Superconductivity.' The Professor is a Director of the Museum Boerhaave. Martin Wilson is presiding at both events.

A comprehensive guide to events with a cryogenic connection can be found on the British Cryogenics Council (BCC) website at www.bcryo.org.uk/events.php.

New Members

Apiezon develop and produce specialist vacuum greases, vacuum sealants, waxes and etch resist. M&I Materials Ltd in Trafford Park Manchester trace their heritage back to the Mica Insulator Company in 1901, with Apiezon Products Ltd registered in 1933. A search for 'cryogenic' on the [Apiezon website](#) today brings up a dozen references for grease used in cryogenic high vacuum applications.



From Long Crendon in Buckinghamshire, **McNaughton Dynamics** (run by Andrew McNaughton) is a specialist in exploiting cryogenic fluids in aircraft applications - fast delivery of nitrogen for tyres, struts, accumulators and missiles, and oxygen for breathing at high altitude. For more information, go to www.mcnaughton.co.uk



Organisations wishing to join the Cluster should get in touch via cluster@bcryo.org.uk. In return for British Cryogenics Council support for B Cryo, Cluster Members are required to become Corporate Members of BCC at www.bcryo.org.uk/join.php. If you would like to add your contacts to the B Cryo mailing list, which remains completely confidential, do either [sign up here](#).

www.bcryo.org.uk

cluster@bcryo.org.uk



British
Cryogenics
Council

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