

Please take a moment to take a look at the exciting things going on with the knowledge economy around South Carolina!

In This Issue...

- Science Café September 13, 2007 at 6pm
- Company Profile: BoroScience
- Hydrogen Uses in the Military Forum Comes to Columbia, SC

Company Profile: BoroScience

In January 2007, BoroScience International, Inc. was established in Columbia, SC to serve the rapidly expanding hydrogen economy market. Led by Dr. Bernard F. Spielvogel and his more than 40 years of research experience in synthetic boron chemistry, BoroScience International, Inc. has spearheaded the concept that the element boron and its compounds can lead to significant advances in technology. The element boron can form complicated molecular structures such as chains, clusters, rings and cage-shaped formations. A neighbor of the element carbon, boron bears a widely untapped potential for new discoveries. Boron compounds can be used in areas such as biomedicine, fuel cell technology, electronics and nanotechnology.

In Columbia, BoroScience International, Inc. is scaling up and producing multi-kilogram quantities of ammonia-borane, a compound containing 19.6% by weight hydrogen. The compound is attracting worldwide attention for use in fuel cells for portable power. BoroScience has also launched the large scale production of borazine from ammonia-borane by a proprietary



Science Café September 13, 2007 at 6pm



Date: September 13, 2007
Time: 6 pm
Venue: Palmetto Health Heart Hospital
Address: 6 Richland Medical Park
RSVP: Tory Sojourner at TSojourner@EngenuitySC.com
Topic: Please come hear the surgeons and engineers discuss the new DiVinci Robot

Quick Links...

[Register Now](#)

[EngenuitySC](#)

[Greater Columbia Fuel Cell Challenge](#)

Newsletter Sponsors



[Blue Cross Blue Shield](#)

process. This has the added benefit of potentially yielding valuable advanced boron nitride materials. The three main products of BoroScience International, Inc. are borazine, polyborazylene and ammonia-borane. When asked about the recent move to Columbia, SC, Bernard F. Spielvogel, Ph.D., Founder and President of BoroScience International, Inc., stated "with our company's emphasis on boron containing solid source hydrogen compounds, this region is ideal for our growth and service to the hydrogen economy." EngenuitySC is proud to welcome BoroScience International Inc. to the Columbia hydrogen knowledge economy.

[Click here to learn more about BoroScience...](#)

Hydrogen Uses in the Military Forum Comes to Columbia, SC



The National Hydrogen Association will be hosting the Hydrogen Uses in the Military Topical Forum October 2-4, 2007, at the Columbia Metropolitan Convention Center in Columbia, SC. With hydrogen and fuel cell technical maturity continuing to improve the investments made over the last decade, the National Hydrogen Association is working to use these advancements to drive down costs while improving quality. The Forum will bring together key decision makers from both the military and industry by using an interactive venue where the needs and challenges for facilitating early market transition can be discussed. Leaders from the Department of Energy, Homeland Security, the Department of Defense and the Defense Logistics Agency will be attending. All stakeholders in the hydrogen and fuel cell economy in South Carolina should register to attend. Registration can be completed online at [http:// www.hydrogenforums.org/07Military/](http://www.hydrogenforums.org/07Military/) and there is a reduced rate for government employees. Visit the site for a look at keynote speakers and the forum agenda.



[Wachovia](#)

Join our mailing list!
[]**[Join]**

