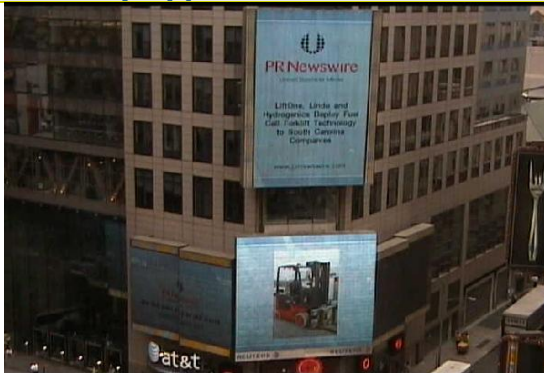


Please take a moment to take a look at the exciting things going on with the knowledge economy around South Carolina!

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### Fuel Cell Powered Fork Lifts Deployed for Industry Application in Columbia



LiftOne and Engineered Solutions, divisions of Carolina Tractor, unveiled two hydrogen-powered fuel cell lift

trucks at their facility in Columbia, SC earlier this month. The lift trucks are equipped with HyPX Fuel Cell Power Packs manufactured by Hydrogenics of Toronto, Canada and installed by LiftOne in electric lift trucks manufactured by Linde Materials Handling of Summerville, SC.

"This demonstration project shows how successful collaborations within South Carolina continue to

### Science Café August 14 at 6pm



Date: August 14, 2007  
Time: 6pm  
Venue: Za's Pizza  
Address: 2930 Devine St.  
RSVP: Tory Sojourner at [TSojourner@EngenuitySC.com](mailto:TSojourner@EngenuitySC.com)

### Quick Links...

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[Greater Columbia Fuel Cell Challenge](#)

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grow our state's knowledge economy," said Bill Mahoney, SCRA CEO and SC Launch acting president. "The joint efforts of the USC Columbia Fuel Cell Collaborative, SC Launch!, Hydrogenics, and Lift One are delivering economic opportunities to the Midlands and to the entire state through greater awareness of the operational and financial advantages of alternative energy applications."

The stimulus for this hydrogen fuel cell project came about with the funding and the sponsorship of the Greater Columbia Fuel Cell Challenge. The Challenge is a collaborative effort between the City of Columbia, the University of South Carolina, EngenuitySC and the South Carolina Research Authority, whose collective mission is to accelerate the deployment and adoption of a wide array of hydrogen and fuel cell technologies within the Midlands region of South Carolina.

[Read More...](#)

### "Hydrogen Applications for Airports," a Top Contest Contender

Columbia, S.C. aspires to become a global model for the mass



deployment and application of fuel cell and hydrogen technologies, as well as other alternative energy systems. This wish may be one step closer to fruition with the 2007-2008 Hydrogen Student Design Contest.

The Hydrogen Education Foundation allows university-level students from around the world the opportunity to develop innovative design concepts using hydrogen and fuel cell technologies in its 2007- 2008 Hydrogen Student Design Contest.

HEF has selected a proposal submitted by the South Carolina Hydrogen and Fuel Cell Alliance for this year's contest. SCHECA's concept "Hydrogen

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Applications for Airports," focuses on South Carolina's Columbia Metropolitan Airport, an airport that can definitely realize the benefits of using hydrogen technologies. The winning teams will present their designs to over 1,500 energy industry professionals at the NHA's 19th Annual Hydrogen Conference in Sacramento, CA. They will also be eligible to receive up to \$5,000 for travel fees for the March 29 - April 2, 2008 conference. Previous winners have received funding for the construction and implementation of their winning designs.

### **[Hydrogen Student Design Contest](#)**

#### **SC Launch! Announces Matching Grant Program for Qualified South Carolina Small Businesses**



South Carolina's Knowledge Economy Engine **SC Launch!**, an

SACRA collaboration, has announced their plans to implement the SC Launch! SBIR/SETTER Phase I Matching Grant Program. The program will award matching funds to South Carolina- based companies that have been granted a Federal Small Business Innovation Research Program or Small Business Technology Transfer Program (SBIR/SETTER) Phase I award. The SC Launch! SBIR/SETTER Matching Grant Program is designed to foster job creation and the Knowledge Economy in South Carolina by increasing the competitive position of South Carolina small businesses in attracting SBIR and SETTER grant funding. The program also provides incentive for companies who have been awarded Federal Phase I feasibility research support to participate in the Phase II program.

### **[Learn more about the program and SC Launch!](#)**

#### **Midlands FastTrac Coalition to Offer New Programs Starting in August**

FastTracSC is a coalition whose members represent the best of entrepreneurial resources in the state. Their mission is to promote entrepreneurship and small business in South Carolina through the FastTrac programs. FastTrac



**TAKE CHARGE OF YOUR BUSINESS®**  
A program of the Kauffman Foundation

programs are resources for entrepreneurs that have been developed by and with hundreds of successful entrepreneurs who have shared their knowledge, insights, and stories so that others might learn from them.

The programs features three areas of development, New Venture, Growth Venture and Tech Venture. With over 325 students graduating from classes statewide this year alone, the program has enjoyed tremendous success. The FastTrac Midlands Coalition will have its next New Venture class beginning on August 21st. New Venture classes are designed to help evaluate and perfect your business concept. For more information about FastTracSC or a program schedule visit the [FastTrac Web site](#).

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