



May 2010

## News from The 8th Continent

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### Event Listings

Visit the Calendar section of the [8C Website](#) for all of the details.

### Ten Reasons Why the Space Industry Will Change Your Life

8th Continent director Burke Fort joined other space commerce leaders to explore NASA's new emphasis on opening space to private enterprise. Led by Brian Enke, Senior Research Analyst at the Southwest Research Institute, the panel assessed the opportunities, covering far more than what is being reported in the news. A video of this May 3, 2010, program, will soon be available for viewing at The DaVinci Institute website: <http://www.davinciinstitute.com>



### Japan Sees Moonwalking Humanoids by 2015

A Japanese consortium has promised to send humanoid bots to the moon by 2015 and is developing a bipedal humanoid that could make one giant leap for droidkind...[<more from CNET News>](#)

### FAA to Set Up Commercial Spaceflight Centers

The FAA is establishing the Center of Excellence for Commercial Space Transportation, which should be "up and running" this year. "The new center would be an offshoot of other FAA Centers for Excellence that through myriad partnerships develop and set all manner of aviation standards from aircraft noise and emissions to airport systems." The center will join "universities, industry players and the government" in areas ranging like space launch operations, commercial human space flight, and "Cross-Cutting Research."...[<more from Network World>](#)

### Laser 'Tractor Beams' to Tidy Up Space Junk

With Earth's orbit cluttered with dead satellites, discarded rocket boosters and other space junk, ways to prevent the accumulation of such debris are desperately needed.

## About The 8th Continent Project

*The Colorado School of Mines' 8th Continent Project is the world's most comprehensive effort to integrate space technology and resources into the global economy. 8th Continent provides the infrastructure and resources to solve a wide range of challenges from global warming to biomedical to renewable energy development. 8th Continent brings space down to Earth with the industry's first trade association, incubator, funding network and research hub, all working together to develop the next generation of space-derived business ventures.*

How about using a tractor beam to simply steer future junk aside, says space-flight engineer John Sinko of Nagoya University, Japan...[<more from New Scientist>](#)

## The Need Continues: Help for Haiti

The need for relief resources for Haiti will be with us for some time to come. [Please give...again and again](#)

## Unique Space 2.0 Career Opportunities

**Vice President of Engineering (Boulder, CO)** - startup focused on power electronics and data monitoring for solar photovoltaic (PV) power systems...[<for more information>](#)

**Real-time Embedded Software Developers (Golden, CO)** - looking for 1-3 new grad or early career self starters with experience in structured and critical software, DO-178B capable, VxWorks RTOS, C/C++, Matlab/Simulink, and PowerPC architecture. Preferred: Attitude knowledge/control, knowledge of GPS code structure and applications, standard real time data communications, RS-422, UARTS, Ethernet, SpaceWire...[<send bio to clen@broadreachengineering.com>](#)

## This Month's "Word to the Wise" - IT BEARS REPEATING: Two New Employer Tax Benefits

Two new tax benefits are now available to employers hiring workers who were previously unemployed or only working part time. These provisions are part of the Hiring Incentives to Restore Employment (HIRE) Act enacted into law recently.

Employers who hire unemployed workers this year (after Feb. 3, 2010 and before Jan. 1, 2011) may qualify for a 6.2-percent payroll tax incentive, in effect exempting them from their share of Social Security taxes on wages paid to these workers after March 18, 2010. This reduced tax withholding will have no effect on the employee's future Social Security benefits, and employers would still need to withhold the employee's 6.2-percent share of Social Security taxes, as well as income taxes. The employer and employee's shares of Medicare taxes would also still apply to these wages.

In addition, for each worker retained for at least a year, businesses may claim an additional general business tax credit, up to \$1,000 per worker, when they file their 2011 income tax returns....[<more from the Internal Revenue Service>](#)

Until next month,



Burke O. Fort  
Director, 8th Continent Project  
[burke.fort@8cproject.com](mailto:burke.fort@8cproject.com)

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The 8th Continent Project  
Colorado School of Mines  
1310 Maple St.  
Golden, CO 80401  
USA

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