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News from The 8th Continent

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Event Listings

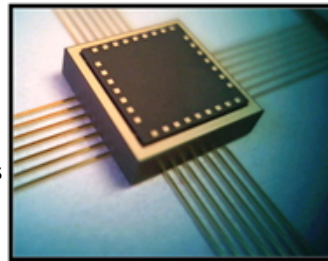
Visit the Calendar section of the [8C Website](#) for all of the details.

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

Lumedyne Technologies' Accelerometer to be Tested in Space

Kudos to Lumedyne Technologies, the Grand Champion of the 8th Continent Business Plan Competition (formerly Lunar Ventures)!



The Planetary Society has announced that it will be incorporating Lumedyne's accelerometers in its LightSail-1 spacecraft. The accelerometers will be used to make low-level acceleration measurements of in flight operations while simultaneously demonstrating their suitability for space based applications.

To learn more about LightSail-1, [click here](#).
For more information about Lumedyne Technologies and its breakthrough accelerometers, [click here](#).

3-D Printing Sparks "Manufacturing Revolution"

In a New York Times front-page article, 3-D printing technology was portrayed as having been "radically transformed from its origins as a tool used by manufacturers and designers to build prototypes." Proponents of the technology "say that by doing away with manual labor, 3-D printing could revamp the economics of manufacturing and revive American industry as creativity and ingenuity replace labor costs as the main concern around a variety of goods." One entrepreneur said, "There is nothing to be gained by going overseas except for higher shipping charges."...[<more from The New York Times>](#)

How Space Exploration Enhances Our "Biological Economy"

Industry and academic leaders met recently to discuss how space exploration enhances the United States' "biological economy," and what advances in telemedicine life sciences made possible by the space program mean to our nation's long-term economic and physical health as well as to the future of space exploration.

Mark Lewis, President of the American Institute of Aeronautics and Astronautics, stated: "From the recent mining disaster in Chile to advances in medical technology and health programs, the life sciences programs connected to America's space program have played a key role in the advancement of medical knowledge and technology - driving the emergence of America's biological economy, and greatly improving the lives of people in the United States and around the world."

Conference proceedings will be available soon at: <http://www.aiaa.org>

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.

DARPA Starting "Crowd-Sourcing" Program

DARPA wants to employ "crowd-sourcing," much like Wikipedia and open source software do, in order to improve satellite software. "Crowd-sourcing of cluster-flight software is one part of a new DARPA program to expand the capability of microsatellites operated onboard the International Space Station (ISS)." The ISS Integrated Research Experiments (Inspire) program is described as an "initial step" to this type of development. "With the ISS acting as a 'satellite wind tunnel,' the goal is to enable rapid, iterative testing of space systems while providing students with an opportunity to perform meaningful space experiments."

...[more from Aviation Week](#)

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](#)

HELP WANTED!

8th Continent is evaluating all aspects its newsletter -- format, content, everything -- and we would like your suggestions for improving it.

What would you like to see? Which elements can be done away with? What should be expanded or added?

Please send any and all comments to: news@8cproject.com

All the best,



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