



Press Release

Cutting Edge Superconductors, Inc. Receives 2013 Frost & Sullivan Innovation Leadership Award

Mayaguez, Puerto Rico – January 6, 2014 – Cutting Edge Superconductors (CES) has accepted the 2013 North American Superconductor Technology for MRI Technology Innovation Leadership Award from Frost & Sullivan. This award recognizes CES as a world leader in MgB₂ Superconducting Wire Technology for MRI (Magnetic Resonance Imaging). CES has a worldwide patented technology for next-generation, cryogen-free 1.5T and 3T MRI.

Frost & Sullivan evaluated CES's performance against key competitors in five categories: Uniqueness of Technology, Impact on New Products/Applications, Impact on Functionality, Impact on Customer Value, and Relevance of Innovation to Industry. CES's high scores earned the company the award.

We have successfully executed our NSF (National Science Foundation) SBIR (Small Business Innovation Research) Project for the feasibility test of our worldwide patented MgB₂ wire technology for next-generation, cryogen-free 1.5T and 3T MRI. We hope to bring our next generation, cryogen-free 1.5/3T MRI to market next summer, 2015," said Dr. Yong-Jihn Kim, president and CEO of Cutting Edge Superconductors. For that purpose CES is collaborating with LUVATA, a major supplier of superconductor wire products to the MRI magnet industry. CES is also collaborating with GE, leading MRI company.

The next-generation, cryogen-free 1.5T and 3T MRI will reduce the MRI scan cost about 40 percent, because the next-generation MRI operates at a higher temperature using cryocooler (freezer), without using expensive liquid helium, and is almost maintenance-free," said Frost & Sullivan Research Analyst Avimanyu Basu. Accordingly, MRI technology's accessibility and affordability will be significantly increased.

For more information, please contact:

Yong-Jihn Kim, Ph.D.

President and CEO

Cutting Edge Superconductors, Inc.

<http://ceswire.com>

Tel.: 787-955-4361

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