

PRESS RELEASE

April 25, 2005 07:00 AM US Eastern Timezone

Leaders in Superconductor Wire Development Named Superconductor Industry Person of the Year

LOS ANGELES--April 25, 2005--*Superconductor Week*, the leading publication on superconductor business and technology, announced today that it has named two pioneers in the development of high temperature superconductor (HTS) wire as "Superconductor Industry Person of the Year 2004." The industry's most prestigious international award in the development and commercialization of superconductors goes to Alex Malozemoff, Chief Technical Officer at American Superconductor Corp. (NASDAQ:AMSC), and Venkat "Selva" Selvamanickam, Program Manager of Materials Technology at SuperPower, Inc., a subsidiary of Intermagnetics General Corporation (NASDAQ:IMGC).

"The most important achievements in superconductivity in 2004 were the improvements in length and electrical performance of second generation (2G) HTS wire," commented Mark Bitterman, *Superconductor Week's* Executive Editor. "In naming Dr. Selvamanickam and Dr. Malozemoff jointly as Person of the Year 2004, we call particular attention to the leadership of these two extraordinary scientists in developing 2G HTS wire. Their work in this exceedingly challenging field is setting the pace in the global effort to bring superconductivity to the forefront in addressing the most pressing needs of the 21st century."

A panel of nine recognized leaders in science, industry, and government in North America, Europe, and Asia selected the winners from dozens of nominations by peers around the world. *Superconductor Week* panelist Dr. Donald Gubser, Superintendent of the Materials Science and Technology Division at the U.S. Naval Research Laboratory, commented: "Selva and Alex are leading two of the largest industrial development programs on HTS wires in the world. With the vision of establishing HTS power devices as a new industry, each of them has leveraged internal expertise as well as R&D efforts at National Laboratories and Universities, leading coalitions of the nation's top scientists."

"It's been my privilege to work closely with Alex for the past 13 years," said Greg Yurek, Chief Executive of American Superconductor. "At a time when the world was just waking up to the global industry that HTS would spawn, Alex was already forging ahead to develop the next generation of this technology. Alex's work, acknowledged by *Superconductor Week's* award, has put 2G HTS wire technology well ahead of most expectations, and our manufacturing scale-up is now actively underway."

Glenn Epstein, President and CEO of Intermagnetics General, SuperPower's parent company, commented: "Since shortly after the discovery of HTS in 1986, Intermagnetics has invested substantial resources in HTS technology--beginning with the development and production of first generation conductor, and then moving, with Selva as the chief proponent, to 2G wire more than six years ago. As we approach the advent of the

commercialization of 2G HTS wire, Intermagnetics is gratified to see Selva's dedication and leadership recognized by his peers in the industry."

Dr. Selvamanickam joined Intermagnetics in 1994, where he initiated the company's 2G wire program. As Program Manager, Materials Technology at Intermagnetics' subsidiary, SuperPower, Selvamanickam manages all aspects of an \$8M/year development program with a staff of thirty scientists, engineers, and technicians. He has published 85 papers on HTS, and has more than 350 citations. In 1996 Selvamanickam received the Presidential Early Career Award from the White House--the highest honor bestowed by the U.S. on outstanding scientists and engineers beginning their independent careers.

Dr. Malozemoff, AMSC's Executive Vice President and Chief Technical Officer, joined the company in 1991. He has published 171 papers in magnetism and superconductivity, and is co-discoverer of giant flux creep in HTS, a phenomenon key to superconductor applications. Malozemoff has led AMSC's wire R&D programs, both first and second generation, along with key external collaborations such as the Wire Development Group, bringing together researchers from the National Labs and academia. He also recently was named Distinguished Lecturer for Superconductivity by the IEEE Council on Superconductivity.

Founded in 1987, *Superconductor Week* is the leading newsletter covering the technology and business of high- and low-temperature superconductivity. Published 24 times a year, interviews, analysis, and updates provide strategic insight into the development and commercialization of superconductors in medical, electric power, communications, military, industrial processing, transportation, basic science, and other markets. Subscribers include executives, technologists, officials, and investors in every country developing advanced technologies. For more information please visit: www.superconductorweek.com.

Attention Editors/Readers: Additional information on the awardees and panel members is available at www.superconductorweek.com/scipoy.

Contact:
Superconductor Week
Mark Bitterman, 661-821-0773
Executive Editor,
press@superconductorweek.com