

HTS-110 Limited

Gracefield Road, PO Box 31-310

Lower Hutt, New Zealand

TEL +64 4 931 3711

FAX +64 4 931 3344



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A World First Gift for NZ Researchers

New Zealand company HTS-110 is gifting world-leading technology to support NZ researchers and scientists for a year.

Wellington-based HTS-110 manufactures cryogen-free superconducting magnets for applications in high-tech manufacturing, materials research and particle physics. HTS-110 is the only company in the world dedicated to the development and commercialisation of high temperature superconducting magnet systems. These systems are already in place in some of the world's highest-tech facilities in Asia, Europe and the Americas.

This latest-generation HTS-110 magnet is for use in NMR, a technique that provides highly specific chemical information from a variety of materials and can be used to greatly increase the understanding of chemical reactions in both industry and research.

HTS-110 wants to give Kiwi researchers the opportunity to be among the first in the world to get access to this technology and to help share and promote the advances that Kiwi researchers will make with this new magnet.

CTO and Co-CEO of HTS-110 Dr Donald Pooke says "Our HTS-NMR product has been in development for over 5 years and we now have installed systems at key global reference sites delivering the same benefits as all our other HTS devices, including compact size, low installation cost and extremely flexible operation compared to existing technology. We are very excited to be able to offer this same leading technology to the New Zealand research community through this trial scheme".

Managing Director of Scott Technology, HTS-110's major shareholder, Chris Hopkins says "We are very proud of what we have achieved and we wanted to make this world leading technology that has been developed in New Zealand available to leading organisations in this country. Recently, the unique nature of the technology has been highlighted through uptake and trials in the Pharmaceutical, medical and other associated industries in the USA, Japan and Italy".

About HTS-110

HTS-110 is the only company in the world to exclusively use high temperature superconductors in the design and manufacture of high field electromagnets for synchrotrons, research labs, and industrial applications. Together with its partners, this expertise is now used to develop instruments such as NMR and MRI.

Key shareholders in HTS-110 are Scott Technology Ltd (www.scott.co.nz), Industrial Research Limited (www.irl.cri.nz), and American Superconductor Corporation (www.amsc.com).

For further information see www.hts-110.co.nz