



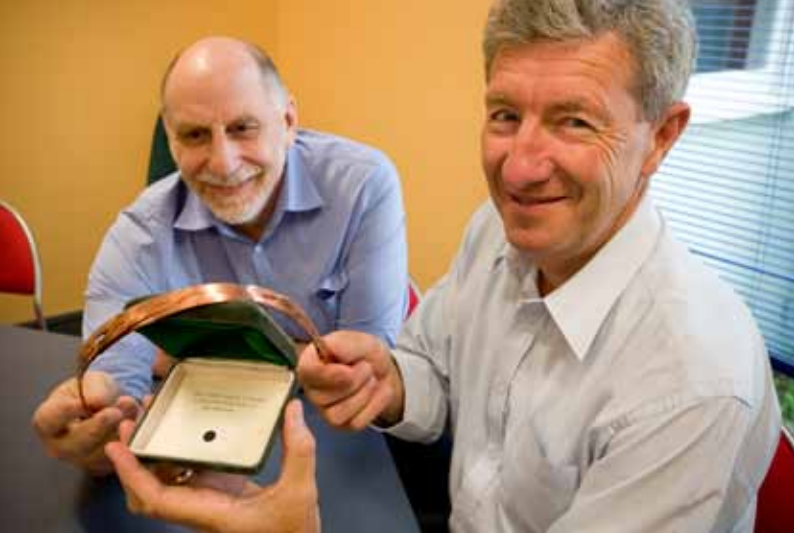
# DID YOU KNOW

Two IRL scientists won the inaugural Prime Minister's Science Prize in 2009 for their contribution to the creation of a new, high-value industry for New Zealand.

Dr Bob Buckley and Dr Jeff Tallon received the award for their world-leading work in the field of high temperature superconductivity (HTS), a developing technology predicted to be worth billions of dollars in the coming decade. Superconductors allow the flow of electricity with no loss of energy.

The scientists have led IRL's superconductor research and commercialisation activity for 20 years, making numerous discoveries and using them as a platform to establish export businesses in HTS products.

The Prime Minister's Science Prize is New Zealand's most valuable science award with prize money of \$500,000.



# WHAT DOES THIS MEAN?

The work of Drs Tallon and Buckley has put New Zealand at the forefront of an emerging and potentially very valuable superconductor industry.



As well as contributing to global understanding of a new technology, the scientists have also been at the cutting edge of developing real-world applications. As a result of their work, IRL has spun-out a company in collaboration with international partners, formed a joint venture and is creating demand for components and services to support HTS manufacturing.



The Prime Minister's Science Prize was presented for a scientific achievement that has had a significant and transformational impact on New Zealand, illustrating IRL's capability in combining research excellence and business acumen to develop new, high-value products and industries.