



Resistance is Futile: The Rise of Superconductors

Department of Physics

Dr Andrew Casey

Superconductivity was discovered over a hundred years ago. The property of a superconductor to carry electrical current without loss due to resistance captured the imagination of scientists and writers who predicted various ways in which superconductors would revolutionise our lives. In this talk Dr Casey will ask whether or not these predictions have been realised and show that understanding the quantum nature of superconductivity has led to the development of the world's most sensitive detectors. The talk will be accompanied by some practical demonstrations of the properties of superconductors.



Windsor Building



6.15 pm
27 November 2013



All welcome, admission free
The lecture will be preceded
by a reception and exhibition
For more information:
scienceoutreach@rhul.ac.uk

Science for Schools Lecture Series



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