

Professor John V Kennedy

Prof John V Kennedy is a Principal Scientist at National Isotope Centre, GNS Science (Institute of Geological and Nuclear Science), New Zealand Crown Research Institute, New Zealand. Dr. Kennedy research focuses on the new materials development for low carbon emission technologies. He uses ion beam technologies pioneered by Lord Rutherford to develop functional materials and to provide key information about the materials structure-property relationship.

His research interests are thin films, metal and metal oxide/nitride nanoparticle growth and their structural, electrical, optical, catalytic, magnetic, thermoelectric, photocatalytic properties and devices for energy conversion and efficiency. He has published more than 250 peer reviewed articles with citations of more than 9000 with H-index 60 and 20 international patent applications. Dr. Kennedy is a Programme Director, Aotearoa: Green Hydrogen Technology Platform and Adjunct Professor, Victoria University of Wellington, New Zealand. He is a Principal Investigator in the high value manufacturing technology industry focused Product Accelerator and the MacDiarmid Institute for Advanced Materials and Nanotechnology (Centre of Research Excellence).