Abstract
One-hundred and fifty years ago, Ernest Rutherford, the son of a Scottish father and English mother, was born in Nelson, New Zealand, where he earned his high school and early undergraduate education. He was subsequently awarded a scholarship and studied under J.J. Thomson at Trinity College, Cambridge. In 1898 he accepted an offer to serve as the chair of Physics at McGill University, Montreal, where he stayed until 1907 when he returned to England to become a professor at the University of Manchester. He succeeded Sir Joseph Thomson as Cavendish Professor of Physics at Cambridge in 1919. He was deeply interested in the effect of high frequency alternating currents and proceeded with studying the mobility of ions and the photoelectric effect serving as one of the pioneers in nuclear physics and the father of the nuclear structure of the atom. He was the first to identify both alpha and beta rays produced in uranium irradiation and described some of their properties. His extensive work as well as his collaboration with other famous scientists (including Nobel laureates) such as Niels Bohr, H.G. Moseley, George de Hevesy, Max Planck and Patrick Blackett among others, will be presented.

All are welcome!