



# The Cockcroft Institute

An International Centre for Research in  
Accelerator Science and Technology

<http://www.cockcroft.ac.uk/>

The Cockcroft Institute for Accelerator Science and Technology is a joint venture of Lancaster, Liverpool and Manchester Universities, the Daresbury and Rutherford Appleton Laboratories (CCLRC), PPARC, and the North West Development Agency (NWDA). It is situated in a purpose-built building on the Daresbury Laboratory campus.

The Institute aims to provide the intellectual focus, the educational infrastructure, and the essential scientific and technological facilities, for scientists and engineers to take a leading role in global projects concerned with accelerator design, construction and operation for the foreseeable future.



The Institute is named after the Nobel prizewinner Sir John Cockcroft FRS. Born in Todmorden in north west England, and educated in part in Manchester, he is regarded as the pioneer of modern accelerator research.



# Cockcroft Fellowships

The Board and Management of the Cockcroft Institute wish to make appointments to a number of **Cockcroft Research Fellowships**. These Fellowships are designed to attract outstanding young scientists and engineers to work in the Institute on aspects and developments of its R&D programme.

The **positions** will be awarded in the first instance for a period of 3 years. Successful applicants will be employed by one of the three founding universities, Lancaster, Liverpool or Manchester, to be decided at the time of appointment. All of the work involves international collaboration, and thus willingness to work for periods at overseas laboratories is a pre-requisite.

Present R&D includes work on accelerator science for the LHC, ILC, CLIC, and neutrino beams, with in-house work on the Energy Recovery Linac Prototype (presently nearing completion), generic aspects of RF cavity performance and scRF (with J-Lab), and in the Theory Group. Details are on the website [www.cockcroft.ac.uk](http://www.cockcroft.ac.uk)

Interested candidates should **contact** as soon as possible **the Director**, Prof. Swapan Chattopadhyay, preferably with their **CV** and the **names of two referees**, at the Cockcroft Institute of Accelerator Science and Technology, Daresbury Science and Innovation Centre, Daresbury Laboratory, Warrington WA4 4AD, UK, phone: +44 (0) 1925 60 3242, email: [swapan@cockcroft.ac.uk](mailto:swapan@cockcroft.ac.uk). After mutual consideration, each application will be taken forward by one of the Institute universities.

