Quantum Systems and SYMPOSIUM

Researchers at Accelerators

Cockcroft Institute, UK - May 16th 2012 (p.m.)

Prof. Dr. Swapan Chattopadhyay FInstP FRSA
Director Cockcroft Institute and Sir John Cockcroft Chair Of Physics, UK
"Particle Accelerators – Beaming into Matter and Life"

Dr. O. Rhodri Jones
Beam Instrumentation Group Leader, CERN, Geneva, Switzerland
"Trends in Particle Beam Diagnostics"

PD Dr. Alban Kellerbauer
ERC Starting Grant Holder, MPI for Nuclear Physics, Heidelberg, Germany
"AEgIS: Antimatter Experiment: Gravity, Interferometry, Spectroscopy"

Victoria Llobet
EU Liaison Office of the German Research Organisations, Brussels, Belgium
"Researcher Training in Europe"

Rok Uršič
CEO Instrumentation Technologies, Solkan, Slovenia
"Industry/Academia Collaboration - A Success Story"

Prof. Dr. Carsten P. Welsch
Associate Director Cockcroft Institute and University of Liverpool, UK
"Quantum Systems and Accelerator Research"

Prof. Dr. Eberhard Widmann
ERC Advanced Grant Holder and Director Stefan-Meyer-Institut, Vienna, Austria
"Antimatter Research: Present and Future"

Dr Janet De Wilde FInstP FIPEM
Head of STEM, The Higher Education Academy, UK
"Doctoral Training in Europe - Challenges and Opportunities"

There are more than 15,000 particle accelerators in the world, ranging from the linear accelerators used for cancer therapy in modern hospitals to the giant 'atom-smashers' at international particle physics laboratories used to unlock the secrets of creation.

For many decades these scientific instruments have formed one of the main pillars of modern research across scientific disciplines and countries.

They continue to enable fascinating studies into the antimatter world and require highly advanced beam instrumentation techniques to show their full performance. They are also an ideal training ground for researchers.

This Symposium presents some of the highlights in antimatter research and beam instrumentation R&D. It will also provide an overview of the present challenges and opportunities in researcher training at all career stages.

In addition to the keynote talks, each participant will be given the opportunity to present their research work in form of a poster contribution.

This event is free of charge – advance registration is required.

Registration deadline:
April 30th 2012

Registration and further details:
www.liv.ac.uk/ditanet

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