

Italy – UK partnership in Neutron Science: Thirty Years and Beyond

A Conference celebrating thirty years since the first Italy-UK collaboration agreement for Neutron Science at ISIS Spallation Neutron Source, with a look to the future of Neutron Science in the European landscape

26th November 2015, CNR Roma – Aula Marconi

The very first agreement between I-UK for the use of ISIS spallation neutron source at the Rutherford Appleton Laboratory was signed on 1985 by CNR and SERC. Since then, the collaboration has grown progressively in size, scope and ambition, playing a central role in promoting high-level research at European and international level. Nowadays CNR investments at ISIS continue to offer our scientific community access to experimental methods and support for advanced instrument developments and tackling some of the most fundamental scientific questions and cutting-edge technologies in the fields of advanced materials, biology, chemistry, and physics, with applications to cultural heritage, environment, energy, health, engineering, geosciences, new materials and sustainable energy research. Within the current agreement a team of UK-I scientists - the PANAREA project - is currently developing the CHIPIR and IMAT beamlines at ISIS Second Target Station (TS2). A science-driven organization such as CNR is naturally committed to continue to enable Italian researchers to access leading national and international science facilities by funding membership of international bodies such as ILL, ISIS and ESS.

This Conference celebrates 30 years of I-UK partnership in Neutron Science. Through lectures of key speakers, it tells the story of their conception and evolution, highlighting some of their major achievements over the years. This initiative is not at all an exhaustive review of this collaboration – you would need far more than a conference to describe all the major achievements of the research activities in neutron scattering, instrument developments and methods, and to acknowledge the work of all those who contributed to their success. Nonetheless, we hope it will give you a flavour of this flagship European endeavour, which has expanded its capacity over the last 30 years.

This Conference would like to pay tribute to the many people who make this possible and wish to acknowledge the hundreds of people whose talents over the years have turned this I-UK collaboration into excellent research, new technologies and products that improve quality of our lives. They all deserve our greatest thanks.



*The Conference is organized by CNR and STFC in collaboration with
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