

Hercules Specialised Courses

# Neutrons and Synchrotron Radiation for Magnetism

Grenoble, 14-18 September 2015



Organised by

Guillaume Beutier (SIMAP)

Laurent Chapon (ILL)

Brigitte Dubouloz (ILL)

Béatrice Grenier (UJF-CEA)

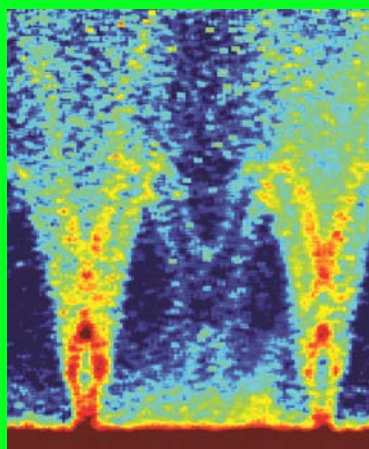
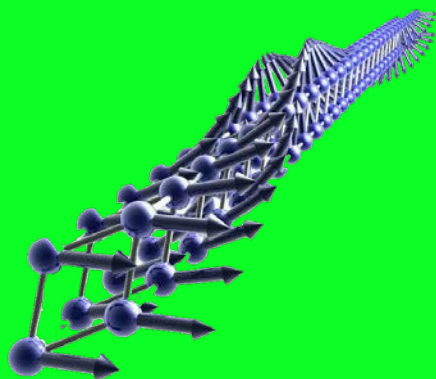
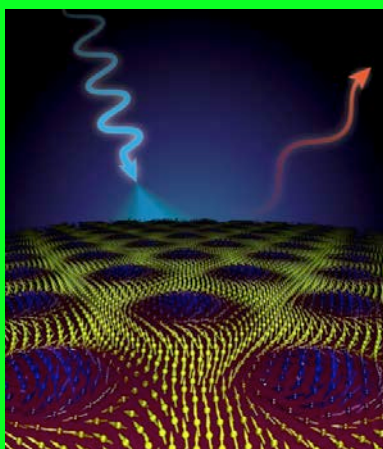
Luigi Paolasini (ESRF)

Claudine Roméro (ESRF)

Intense synchrotron X-ray and neutron beams are unique quantum probes that are key tools to the understanding of electronic and magnetic properties of materials.

The present school is addressed to all young scientists wishing to know and use the capabilities of neutrons and synchrotron radiation in the field of magnetism.

It includes two days of introduction to the theory and applications of X-ray and neutron techniques for magnetism, two days of “hands on” experiments on X-ray and neutron instruments used for this research, and finally one day of lectures on current trends and topics.



## Lecturers

R. Caciuffo (ITU-Germany)

L. Chapon (ILL-France)

M. Enderle (ILL-France)

G. Ghiringhelli (U. Milano-Italy)

B. J. Kim (Max Planck-Germany)

S. Langridge (ISIS-UK)

J. Lüning (UPMC-France)

D. Mc Morrow (UCL-UK)

L. Paolasini (ESRF-France)

N. Qureshi (ILL-France)

L. Ranno (Institut Néel-France)

H. Rønnow (EPFL-Switzerland)

V. Simonet (Institut Néel-France)

J. Vogel (Institut Néel-France)

<http://www.esrf.fr/events/conferences/HSC/HSC18>

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Registration deadline: 15<sup>th</sup> June 2015

