



THE EUROPEAN SCHOOL ON MAGNETISM 2018

MAGNETISM BY LIGHT

September 17-28, 2018, Kraków, Poland



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KEY DATES:

March 5 - request for participation opens

April 20 - request for participation closes

May 18 - notification of acceptance

July 1 - deadline for payment of fees

September 17 - beginning of the School

SCOPE

The European School on Magnetism (ESM) is a joint action of the European magnetism community being organized in cooperation with the JEMS conference (Joint European Magnetic Symposia). ESM aims at providing young scientist with a through up-to-date insight into the fundamentals of magnetism. This covers a wide range of fundamental phenomena deeply rooted in condensed matter physics, specific instrumentation and opportunities for applications. The topic proposed in 2018 is Magnetism by Light. The lectures will be focused on many exciting phenomena related to the interaction between light and spin, and light and magnetization. The School will be an opportunity for young scientists, to meet, to share their expertise and networking.

TOPICS

Basic concepts, magnetism and matter, magnetization processes, micromagnetic simulations and magnetometry, spectroscopic and synchrotron-based techniques especially X-ray magnetic dichroism, magneto-optics and magneto-plasmonics, light-induced (de)magnetization processes and all optical switching, atomistic/ LLG-B modeling, photo-magnetic transitions, THz radiation techniques.

LECTURERS

R. Evans (York), J. Spałek (Kraków), S. Blügel (Jülich),
A. Kalashnikova (St. Petersburg), P. Oppeneer (Uppsala),
J.-V. Kim (Paris), P. Vavassori (San Sebastian), M. Sikora (Kraków),
E. Göring (Stuttgart), A. Bellec (Paris), T. Kamprath (Berlin),
P. Laczkowski (Paris), D. Garcia (Madrid)

CONTACT:

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