

European School on Magnetism (ESM-2018)  
17 – 28 September 2018, Krakow, Poland

## SECOND ANNOUNCEMENT

Dear Colleagues,

The next edition of the “European School on Magnetism” (ESM) series will take place in Krakow, Poland, from [September 17-28<sup>th</sup>, 2018](#). It is organized by the Academic Centre for Materials and Nanotechnology, AGH University of Science and Technology, under the umbrella of the European Magnetism Association, with the [magnetism.eu](#) portal. See <http://magnetism.eu/school> for more information on the series of these European Schools.

As with previous editions of ESM, the 2018 School aims at providing a thorough insight into magnetism through a broad series of fundamental lectures, and to address a specific topic of current interest in more detail. We intend to cover modern aspects overlapping a broad series of fundamental lectures on one side, and the latest insights into up-to-date aspects of magnetism on the other side. The topic chosen for the 2018 School is: “[Magnetism by Light](#)”. This covers a wide range of fundamental phenomena deeply rooted in condensed matter physics, specific instrumentation and opportunities for applications. Focused lectures will cover ultrafast light-induced magnetization processes, magnetoplasmonics, microwave magnetism, magneto-optics, spectroscopic and synchrotron-based techniques etc. The School will be an opportunity for young scientists from the two fields, to meet, share their expertise and build networks.

The School is addressed mainly at PhD students and post-docs, both experimentalists and theoreticians. It will consist of approximately 40 hours of lectures, plus many practicals (15 hours), open question sessions (approximately 10 hours), and free access to a library on magnetism. Attendees will be able to present their own work during poster sessions. The detailed program is available from the website: <http://www.esm2018.agh.edu.pl>.

Request for participation in the school opens on March 5<sup>th</sup>, 2018. Potential attendees are expected to provide, along with their application form, a motivation letter and, for PhD students and post-docs, a recommendation letter from their supervisor. The forthcoming important dates are:

April 20<sup>th</sup>, 2018: deadline for the requests for participation

May 18<sup>th</sup>, 2018: notification of acceptance or waiting list

July 1<sup>st</sup>, 2018: deadline for payment of the fees, otherwise cancellation for the benefice of the waiting list.

Registration fees will be 450€ for students, PhD and post-docs, and 650€ for long-term contracts and permanent staff (tenure academic positions, private companies, etc). The fees cover

accommodation, breakfast and lunch meals, coffee breaks, local transport, excursion and social activities for the full duration of the school.

Various financial supports have allowed keeping these fees moderate, to support the participation of students. Travel costs remain at the charge of the attendees. Nevertheless, a few scholarships for waiving registration fees may be granted in very special cases where financial support is clearly an obstacle for attending the school. More details about the registration procedure may be found on the 2018 website: <http://www.esm2018.agh.edu.pl>

We would like to ask you to circulate this announcement to all those who may be interested in the School.

We also invite you to have a look at our website with links to magnetism-related events <http://magnetism.eu/6-agenda.htm> and to submit us any information about events you think can be of interest to the participants in the school. It is also important to look into the <http://magnetism.eu/5-job-market.htm> dedicated to the announcement of PhDs, post-docs and tenure positions. This service is free of charge. Do not hesitate to post your announcements!

On behalf of the scientific and organizing committees -

A handwritten signature in blue ink, appearing to read 'Marek Przybylski', written in a cursive style.

*Marek Przybylski, Chair for the 2018 ESM*