

IEEE Advances in Magnetics Conference AIM - Bormio March 14-16, 2016

Final Announcement and Call for Papers

INVITED LECTURES ANNOUNCED

Manfred Albrecht, University of Augsburg, **Johan Akerman**, University of Gothenburg, **Gerardo Bertero**, Western Digital, **Claudia Felser**, Max Planck Institute for Chemical Physics of Solids, Dresden, **Giovanni Finocchio**, Università d Messina, **Oliver Gutfleisch**, Technische Universität Darmstadt, **Jens Haueisen**, TU Ilmenau, **Eric Maslen**, James Madison University, **Thomas Schrefl**, St. Pölten University, **Andrei Slavin**, Oakland University, **Alexandr Stupakov**, Institute of Physics CAS, Prague, Czech Republic, **Manuel Vazquez**, Institute of Materials Science of Madrid, **Augusto Visintin**, Dipartimento di Matematica, Università di Trento.

AIMS

IEEE AIM will be a forum for presentation and discussion of the most recent advancements in all the fields of Magnetics: theory, numerical modeling, experiments and applications. The event is open to experts and scientists with different backgrounds (engineers, physicists, mathematicians, material scientists, chemists, biologists, etc) to present, discuss, exchange ideas, methods and results. The main topics of AIM are:

Fundamental properties, Modeling and numerical computation, Motors, generators, transformers and other power devices, Electromagnetic compatibility, Magnetic levitation and propulsion, Sensors, Measurements techniques and instrumentation, Materials, Nondestructive evaluation, Magnetic recording, Micro- and nano-structures, Spin electronics, Bio- and chemical magnetism, Other applications.

The 3-day event will include invited and contributed talks and posters, organized in different thematic sessions, each coordinated by appointed chairs. We would like to cordially invite you to attend AIM, actively participate in its technical sessions, and contribute to its success.

VENUE

The Conference Advances in Magnetics will be held at the conference rooms of the **Hotel Palace Wellness & Beauty** (<http://www.palacebormio.it>). The Palace Hotel is a 4 star superior hotel in Bormio which offers a large variety of services and comforts tailor made for you.

SUBMISSION OF PAPERS

Prospective Authors are requested to submit **preliminary short papers** outlining the relevance and the originality of their works. The authors of accepted papers will be invited to present their research work at the Conference by oral or poster presentations. All contributors of presented papers are invited to submit full papers for possible publication in a technical journal. Depending on their characteristics and addressed topics, the full papers will be assigned to Journal of Magnetism and Magnetic Materials, Physica B, Medical Engineering & Physics, and IEEE Magnetic Letters for a dedicated peer-review process. The review standards will mirror those used for regular articles to be published in these journals. Papers must be presented at the conference by a registered co-author in order to be considered for journal publication.

IMPORTANT DATES

Preliminary short paper submission opens	September 14, 2015
Preliminary short paper submission deadline	November 15, 2015
Notification of acceptance	December 16, 2015
Final date for early registration	January 30, 2016
Final program available	February 29, 2016
Full paper submission deadline	March 14, 2016

BORMIO



A bright cradle in the heart of the Alpi Retiche, amazing show of the nature with the "Contea" (county) of Bormio inside it. Mountain resort at 1225 m above sea level, small town full of history and art, famous ski resort where world-wide level competitions take place, thermal area appreciated since ancient times: all this is Bormio, still there's much more... A pleasant ancient time with a footway inside, full of shops, pubs and restaurants perfectly fitted in the old architecture.

Having a walk in the centre, the atmosphere you breath is full of tradition and sparkling at the same time, typical of a ski resort and also of a town living all year round.

For more info [http://www.bormio.it/](http://www.bormio.it).

General Chair – E. Cardelli, University of Perugia - **Secretariat and Web** – A. Faba, University of Perugia
<http://aim2016.tr.unipg.it/> aim2016@ieeesezioneitalia.it

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