

## Guest Editorial

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# 13<sup>th</sup> International Workshop on 1&2 Dimensional Magnetic Measurement and Testing, 3–6 September 2014, Turin, Italy

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This special volume of IJAEM contains a selection of 26 papers of the 13th of a series of international meetings previously held at several sites of Europe and Japan. The Torino meeting was mainly devoted to various aspects of theoretical, experimental, and applicative advances on the methods of characterization of magnetic materials. A chief objective of the event was to promote and reinforce the exchange between basic and industrial research in the field of magnetic measurements and testing. The Workshop provided a forum for discussion on various aspects of magnetic measurements and testing through a broad range of topics. An appealing technical program was offered, with keynote, invited, and contributed oral and poster presentations, arranged in the traditional single plenary session. This permitted full participation of the delegates to the presentations and the scientific discussions. Around 50 delegates, including a significant participation by industry, attended the workshop.

During the first day of the Workshop the discussion was devoted to magnetic metrology and measuring standards, analysis and testing of GO materials and their applications, magnetostriction and Barkhausen noise measurements. During the second day, the discussions encompassed various aspects of two-dimensional magnetic measurements and modelling, including novel test sets.

The organizers wish to thank Prof. Yoshiyuki Ishihara, Prof. Helmut Pfützner, Dr. Giorgio Bertotti, Prof. Masato Enokizono, and Prof. Goran Engdahl for their keynote talks, which reviewed key issues on magnetic measurements, theoretical aspects of magnetic hysteresis and losses, and two-dimensional magnetization process.

All submitted manuscripts were subjected to standard peer-reviewing, involving at least two independent reviewers for each paper.

The Workshop was organized by the Istituto Nazionale di Ricerca Metrologica (INRiM), Electromagnetics Division, and Politecnico di Torino, Energy Department. We would like to thank our co-workers for their support in the organization of the event, the members of the 2-DM International Steering Committee, and all the scientists that contributed to the review process of the Workshop papers. A special thank is due to Dr. Johannes Sievert and Prof. Ermanno Cardelli, who kindly accepted to act as guest editors, managing the review process concerning the papers authored by the Workshop organizers.