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## **FOREWORD**

The 6<sup>th</sup> edition of the International Conference on Modern Power Systems, MPS 2015, will take place at the Grand Hotel Napoca from Cluj-Napoca, Romania. The main purpose of the Conference is to throw a bridge between recent advances of research on modern power systems. Therefore, beside the traditional sessions focusing on the progress of the theoretical research, an important stress will be paid on the advanced industrial applications and solutions.

Following the previous four editions of the Conference in 2006, 2008, 2010, 2011 and 2013, this year the Scientific Advisory Committee selected 76 papers grouped on 6 main topics. All the accepted papers will be published on a special issue of Acta Electrotehnica Journal edited by Faculty of Electrical Engineering under the patronage of the Romanian Academy of Technical Sciences.

On behalf of the Local Organizing Committee we would like to express our gratitude to the Scientific Advisory Committee, to the reviewers who have ensured the high quality of the papers selected, as well as to the chairpersons of the sessions and the organizers of the technical exhibition. We would like to thank also to our partners FDEE Electrica Distributie Transilvania Nord SA and CNTEE Transelectrica SA, to our Sponsor Companies and to all those who in one way or another have made MPS 2015 possible.

We truly trust that MPS 2015 will be a fruitful professional experience for everyone, and take this opportunity to welcome you in Cluj-Napoca, a beautiful City called “The Heart of Transylvania”.

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