

EMC Hungary 2025 Chairs' foreword

The International Conference on Electromagnetic Compatibility, EMC Hungary 2025 was held from 6-8 April in Balatonalmádi, Hungary. This has been the first occasion of the biennial EMCH conference series on electromagnetic compatibility organized jointly by the Budapest University of Technology and Economics, Robert Bosch Kft. and thyssenkrupp Components Technology Hungary Kft. The goal of the conference was to provide an international forum for electromagnetic compatibility engineers, researchers, and professionals to share their contributions in the fields of EMC measurement techniques, engineering design solutions and simulation techniques of commercial, automotive, aerospace and any other (e.g. healthcare, railway, etc.) applications.

The conference attracted 105 participants from 14 different countries. In addition to the 20 oral and poster presentations, respectively, 4 keynote speeches, 2 workshops, and 10 exhibitor companies enhanced the professional quality of the event. The conference catered to both academicians and industrial professionals, therefore state-of-the-art university research and cutting-edge industrial innovation had been presented side by side, followed by social gatherings that promote the exchange of information and nurture fruitful cooperation between the various fields of the profession.

This collection contains 8 scientific papers selected from the submitted contributions through a peer-review process. The conference organizers would like to thank the reviewers for their thorough and professional work.



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