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Editorial

It is our great pleasure to introduce the special issue of Archives of Electrical Engineering that includes selected papers (first 9 papers in this issue) presented at the Symposium on Electrical Machines (SME) held on June 17th-20th 2012, in Książ, Poland.

SME'2012 was the 48th meeting of specialists from Poland, Belarus, Germany and Czech Republic, dealing with various aspects of electrical machines. Its aim was not only to allow for the mutual exchange of experience between researchers for academia and industrial research centers, but also to present new developments in theory, construction, mathematical modeling and simulation testing, control, diagnostics and applications of electrical machines. The special session on permanent magnet electrical machines has been organized. The education issues in electrical machines and drives have been discussed also.

The SME symposium was organized by the Institute of Electrical Machines, Drives and Measurements from the Faculty of Electrical Engineering, Wrocław University of Technology, Poland, under auspices of the Committee on Electrical Engineering of the Polish Academy of Sciences, and in cooperation with the Polish Society of Theoretical and Applied Electrical Engineering – Wrocław Section. The Chairman of the Organizing Committee was Professor Teresa Orłowska-Kowalska, from the Faculty of Electrical Engineering, director of the Institute.

The Symposium was attended by more than 100 participants from all Polish scientific teams engaged in the field of electrical machines and drive systems, and was well recognized among industry specialists.

For this issue we have selected nine papers from 105 presented during SME, closely related to the line of Archives of Electrical Engineering (presented in as the first part of this issue). Among the selected papers you will find a spectrum of subjects dealing with various issues discussed during SME, starting from the induction machines, their modeling, control and applications, through permanent magnet synchronous and stepper motors, to piezoelectric motors and magnetic bearings. We hope that this issue of AEE will be interesting and stimulating for the readers.

The guest editors would like to thank all authors for their contributions and all reviewers for their excellent work.

TERESA ORŁOWSKA-KOWALSKA, LUDWIK ANTAL
Guest Editors