

Opening address

The honorable Vice-Rector of the Czestochowa University of Technology, dear distinguished guests, participants, ladies, and gentlemen, on behalf of the Organizing and Scientific Committee, I would like to welcome you all to the 14th International Scientific Conference on Forecasting in Electric Power Engineering (PE2018).

The 14th International Scientific Conference *Forecasting in Electric Power Engineering* is organized for twenty-nine years by the Institute of Electrical Power Engineering at the Faculty of Electrical Engineering of the Czestochowa University of Technology (CUT). Currently, the main organizer of the conference is the Polish Society of Theoretical and Applied Electrical Engineering PTETiS Czestochowa Branch.

The inspiration for the symposia related to forecasting in the power industry was Professor Irena Dobrzańska from CUT, and the impulse for their organization was the energy crisis in Poland in 1980. The 1st National Symposium *Forecasting in the Power Industry* was organized in Czestochowa in April 1989. In 1996, the national symposium *Forecasting in Power Engineering* under the auspices of the Power Engineering Commission of the Silesian Branch of the Polish Academy of Sciences changed into national conferences taking place in a two-year cycle. Since 2008, the conference has international status. The Scientific Committee of PE2018 includes scientists from Austria, the Czech Republic, France, Poland, the Slovak Republic, Slovenia and the USA.

The honorary patrons of the conference are the Power Engineering Committee of the Polish Academy of Sciences, Katowice Branch., the Polish Association for Energy Economics, and the Association of Polish Electrical Engineers, Czestochowa Branch.

As part of the plenary sessions, the speeches of the invited guests will take place, addressing the issues of contemporary challenges facing the power industry related to its development, emission reduction, energy storage, environmental protection, investment directions and other current issues.

For some time, the official subject of the conference has been gradually expanded beyond the title electricity forecasting. Currently, the conference topics include: forecasting in power engineering, modeling, optimization and planning of the power system development, power security, system operation control, automation, control, measurement and monitoring systems, distributed and renewable generation sources, nuclear energy and functioning of energy markets.

The PE2018 could not become a reality without the support and assistance of many parties. In this occasion, I would like to sincerely thank all members of the Scientific Committee and the Organizing Committee. I would also like to thank authors, reviewers, all speakers, and session chairs for their support to PE2018.

We are pleased to announce that the next jubilee fifteenth edition of the conference will take place in two years in 2020.

Chairman of the Scientific Committee PE2018
Janusz Sowiński, Professor of CUT