



## Preface

Ladies and Gentleman,

The Institute of Power Engineering and Turbomachinery of the Silesian University of Technology with the participation of RAFAKO SA, Sumitomo SHI FW Energia Polska, and the Office of Technical Inspection (UDT) are honoured to present you **proceedings including the selected papers of 13<sup>th</sup> International Conference on Boiler Technology. Poland '2018 (ICBT2018)** – Current issues in boiler construction and operation, held on October 23-26, 2018, in Szczyrk, Poland.

The conference main key features were:

- the future of boilers and conventional energy industry facing tightening up on legal regulations on harmful substances emission;
- efficiency, flexibility and reliability problems of existing power units;
- directions of investments in the energy system by 2050;
- combustion and co-combustion of alternative fuels, including issues connected with that – corrosion, erosion, fouling of heating surfaces;
- solid fuel milling process and mill installations;
- primary and secondary NO<sub>x</sub> reduction methods with the special emphasis on new installations implementation to existing units;
- diagnostics of materials and elements' wear evaluation;
- control and adjustment systems.

We would like also to take this opportunity and express our gratitude to authors, members of the scientific committee and reviewers, for their meaningful contribution to the success of the conference.

*The Organising Committee  
of 13<sup>th</sup> International Conference  
on Boiler Technology. Poland '2018*