

Preface

The 6th International BAPT Conference “Power Transmissions 2019” was organized by Balkan Association of Power Transmissions (BAPT) and Bulgarian Scientific-Technical Union of Mechanical Engineering (STUME).

Scientists and engineers from Belarus, Belgium, Bulgaria, Bosnia & Herzegovina, China, Croatia, the Czech Republic, Germany, Greece, Japan, Kazakhstan, Poland, Romania, the Russian Federation, Serbia, Slovenia, Spain, Switzerland, Turkey, Ukraine, and the USA have participated.

The Conference Proceedings consist of 60 scientific papers divided into 8 topics as follows:

1. Design, analysis, simulation and optimization
2. Fatigue, load carrying capacity, durability, reliability
3. Dynamics, vibration and noise
4. Maintenance, operation, and industrial application
5. Tribology, lubrication
6. Materials and technological processes
7. Experimental study
8. Other relevant subjects

The Organizing Committee would like to acknowledge and appreciate the reviewers for their valuable comments and efforts in improving the scientific quality of the papers. We would also like to thank all of the authors whose high expertise and experience have made the conference so successful.

On behalf of the Organizing Committee

Dr. Dimitar Karaivanov,

Editor