

Preface

The 7th International BAPT Conference “Power Transmissions 2019” was organized by Balkan Association of Power Transmissions (BAPT) and Bulgarian Scientific-Technical Union of Mechanical Engineering (STUME).

This Conference is dedicated to the 90th Anniversary of Prof. Kiril ARNAUDOV – initiator and founder of the Balkan Association of Power Transmissions (BAPT), its First President (2001-2003) and Honor President (since 2012).

In defiance of COVID-19 pandemic, scientists and engineers from Belarus, Belgium, Bulgaria, China, Germany, Greece, Romania, the Russian Federation, Serbia, Spain, and Ukraine have participated online.

The Conference Proceedings consist of 18 scientific papers divided into 6 topics as follows:

1. Design, analysis, simulation and optimization
2. Dynamics, vibration and noise
3. Maintenance, operation, and industrial application
4. Tribology, lubrication
5. Materials and technological processes
6. 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