

Preface

The scientific conference “Diagnostics of Machines and Vehicles”, which took place 15-16 of December in Bydgoszcz, is the continuation of a series of international conferences “Diagnostyka” organized by the Mechanical Engineering Department at the UTP University of Science and Technology. The meeting concerned the practical theory of diagnostics of industrial applications related to the construction and production of mobile stages. Technical diagnostics allow to determine the technical condition of objects, creates the opportunity to achieve significant material and financial savings. Ultimately, it also enables the development of new machine operation strategies, conducting highly economical repair technologies and rational spare parts management.

The main topics of the conference were: progress in testing machines supported by virtual techniques, diagnostic systems and their applications, presentation of research results and their applications, knowledge management about machine operation.

The scientific deliberations were carried out in a plenary session, poster sessions, in which participants of many scientific centres delivered their presentations.

The conference was attended by dozens of participants, including representatives of various companies and universities from Poland and abroad: UTH Technical and Commercial University, Poland; Warsaw University of Life Sciences – SGGW, Poland; UTP University of Science and Technology, Poland; Slovak University of Agriculture in Nitra, Slovak Republic; University of Novi Sad, Serbia; S-EKA spol. s r.o., authorized organization for emission control of road vehicles, Slovak Republic; Institute of Thermomechanics of the CAS, Czech Republic; Lviv Polytechnic National University, Ukraine; Khmelnytsky National University, Ukraine; South Ural State University, Russia; University of Defence Brno, Czech Republic; ARRIVA Slovakia a.s., Slovak Republic; Gdańsk University of Technology, Poland.

We would like to thank all conference participants, authors and reviewers, for their contributions to the success of the conference and already today we would like to invite all participants to the next edition of the conference.

The website of the conference: <http://www.dmv.utp.edu.pl>.

Editors

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Tomasz Kałaczyński, Ewa Kuliś

19th International Conference of Diagnostics Machines and Vehicles „Hybrid Multimedia Mobile Stage”

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