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Preface

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Preface

In October, the Faculty of Engineering traditionally holds gatherings of researchers and academics who study motor vehicles, engines and road traffic. From 1979 to 2004, thirteen, biennial MVM Symposiums have been held and they grew into an International Congress MVM in 2006. Since then, eight MVM Congresses have been held and in October 2022, the Faculty of Engineering of the University of Kragujevac organized the ninth International Congress MVM from 13th to 14th October 2022.

With the traditional support of the Ministry of Education, Science, and Technological Development of Republic of Serbia, University of Kragujevac, Faculty of Engineering and the International Journal "Mobility and Vehicle Mechanics", the organizers of the Congress decided to organize the event on the Internet network (online) due to COVID-19 pandemic situation, through ZOOM platform, for the second time.

The theme of the Congress MVM 2022 was "Ecology - Vehicle and Road Safety - Efficiency". Along this journey we learned from the various sessions, which broadly cover a wide range of topics related to automotive engineering from fundamental research to industrial applications, highlight the interaction between the driver, vehicle and environment and stimulate scientific interactions and collaborations.

The International Scientific Committee in collaboration with the Organising Committee built up a stimulating scientific program. The program offered over 49 presentations, including key-note speakers and paper sessions. The presentations to this conference covered current research in motor vehicle and motors conducted in 15 countries from all over the world. Manuscripts were submitted and peer review were done through Morressier platform.

We were pleased to have professors Giovanni Belingardi and Alessandro Scattina (from Politecnico di Torino, Italy) and professor Ralph Pütz (from Hochschule Landshut, Germany) as the keynote speakers, addressing Challenges and solutions in the design of battery pack for battery electric vehicle as well as European policy on future road mobility.

We are sure this program will trigger lively discussion and will project researchers to new developments.

The 9th Congress MVM 2022 was financially supported by Ministry of Education, Science and Technological Development of the Republic of Serbia.

We would like to thank experienced and young researchers, for attending and bringing their expertise and innovative ideas to our conference.

Special thanks are due to the International Scientific Board Members and all reviewers for their significant contribution in the high level of the conference.

Scientific and Organising Committee of Congress MVM2022

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Legend

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- FTTE - Faculty of Transport and Traffic Engineering
- FTS – Faculty of Technical Sciences
- FME – Faculty of Mechanical Engineering