

## Editorial

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We are happy to present the first volume of our new journal which is published online and in print. The mission of the journal is to publish and distribute the latest research results in this highly relevant field of technology. It defines the state of the art and supports the exchange of reviewed results among experts from academia and industry, since all editors of this journal are professors on automotive or engine technology at renowned universities in Europe, but have also gathered substantial experience in industry.

This journal covers every aspect of passenger car and commercial vehicle engineering on the one hand, and engine development and technology on the other hand, including electrics and electronics. It especially focuses on scientific aspects thus offering in-depth insight into latest results and developments in automotive engineering and engine technology.

Being the official academic organ of WKM, which is the Scientific Society for Automotive and Engine Technology, AAET primarily draws its reviewers from WKM members and therefore guarantees a high scientific standard of the

peer review process. This publication enables scientists in the field of automotive and engine technology to publish their research results on the basis of a thorough review by a board of renowned experts.

This first volume's articles are typical for the wide-covered spectrum of topics, ranging from combustion engines, ICE-, hybrid-, and battery electric-powertrains and the whole vehicle technology, advanced driver assistance systems, and safety aspects. In the following articles, questions addressing the analysis and application of steering systems on steering test benches, energy efficiency of chassis systems as well as the optimization of the global energy consumption of hybrid vehicles and specific ICE topics regarding combustion, pollutant emission, and NVH are covered. Besides the technical aspects, this volume also highlights modern fleet management systems to integrate battery electric vehicles in commercial companies.

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