



2nd International Conference on Vehicle and Automotive Engineering VAE2018



23-25. May 2018. University of Miskolc, Hungary

Call for exhibitors

We are calling exhibitors to our Vehicle and automotive engineering conference. The aim of the conference is to bring together the experts from both the academic and industrial areas.

Main branches of topics of the conference:

- **A. Conventional Powertrain & Emission**
 - *Gasoline engines & emissions, Diesel engines & emissions, Transmissions, simulation, Virtual design and testing, Fuels & lubricants*
- **B. Alternative Powertrains**
 - *Hybrid vehicles, Electric vehicles, Fuel cell vehicles*
- **C. Vehicle Dynamics**
 - *Suspension, steering & brakes, Tyres, Advanced dynamic vehicle control, Advanced driver assistant systems, Stability*
- **D. Materials & Manufacturing**
 - *Advanced materials and innovations in manufacturing. Metal parts forming, joining and casting technologies. Coating, Wear, Corrosion Protection and Surface Engineering. Fatigue, Fracture, Failure and Testing of Materials and Structural Parts. Prototype building. Flexible processes. Supply chain and logistics.*
- **E. Vehicle Electronics**
 - *Engine control, Voice and motion recognition, Vehicle tracking and monitoring, Suspension control, Brakes management*
- **F. Autonomous vehicles**
 - *Autonomous & connected vehicles, Artificial intelligence, Internet of Things (IoT), Applications in Smart Cities, Future Trends and Emerging Technologies*
- **G. Noise & Vibration**
 - *Engine noise, Tyre noise, Other sources of noise, Measurement techniques, Simulation and analysis*
- **H. Active and Passive Safety**
 - *Structural crashworthiness, Biomechanics, Test Methods, Safety management, Accident reconstruction, Traffic and human factors, Fire safety*
- **I. Sustainability**
 - *Standards and regulations, Design for environment, Virtual design and testing, Inspection and maintenance, Life cycle assessment, Recycling*
- **J. Education**
 - *Vehicle and automotive engineering education, Dual training, Industrial practice, Educational aids*
- **K. Design of Vehicle Structures and Surfaces**
 - *Geometric modelling, Design and reconstruction of vehicle structures, and surfaces, Evaluation and correction of vehicle surfaces, Computer, graphics and image processing in visualization and design, 3D printing, and prototyping in vehicle development*
- **L. Optimization**
 - *Topology optimization, shape optimization, sizing. Optimization methods, cost calculation.*

The conference language is English. One person can have max. one lecture and one poster.

Proceedings

From 86 submitted papers 64 have been selected after a peer-review process and will be published in the *Lecture Notes in Mechanical Engineering* series, published by *Springer Verlag*, indexed by Scopus, as it was on the previous conference. The homepage of the series is as follows: <http://www.springer.com/series/11236> The Proceedings will be available to all registered participants electronically upon arrival at the Conference.

Exhibition, sponsoring

Those companies, who would like to show their activities, related to the conference, can have a stand.

A package is offered for *Bronze, Silver* and *Gold* sponsors.

For Bronze: stand with 6 m², equipped with table, chairs, electricity, 1 person participation on the conference, (250kHUF)

For Silver: stand with 9 m², equipped with table, chairs, electricity, 1 person participation on the conference, (350kHUF)

For Gold: stand with 12 m², equipped with table, chairs, electricity, 2 persons participation on the conference, (500kHUF)

An Oldtimer automotive and motorcycle show will be during the conference, where hopefully a Ford T model will also be visible.

University of Miskolc

The history of the university is dated back to 1735, when it was established. The world's first higher education institution on technology, the Mining Academy of Selmechánya, represented special knowledge and value. Nowadays it has seven faculties. Among them is the Mechanical engineering and informatics, Material science and Earth science faculties. There are about 10000 students at the university.

Registration fee: 490 Euro after January 20. 2018, for PhD students 430 Euro
200 Euro for accompanying persons

For further details, please contact:

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The conference homepage

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