MEMORIU ȘTIINȚIFIC
Drd. Vieru Emanuel-Mihai

Studii de doctorat

Perioada: 4 ani
Conducător științific: Prof.dr.ing. Frățilă Gheorghe
Domeniu: Ingineria Transporturilor
Titlul tezei de doctorat: Analiza performanțelor aerodinamice ale autocamioanelor și metode de îmbunătățire ale acestora

Activitate științifică

A. Lista de lucrări științifice (articole în reviste sau volume)

1. E M Vieru, D M Iozsa, A M Manea, L Ilea „*Analysis of different dimensions of a virtual wind tunnel and different wall conditions*", Economicity, Safety and Reliability for Motor Vehicles Congress (and SIAR International Automotive and Transport Engineering Congress), Volume1303, doi:10.1088/1757-899X/1303/1/012043, 2023;
2. E M Vieru, C Stan, I Laurențiu, „*Analysis of the aerodynamic performance of truck semitrailers*", Economicity, Safety and Reliability for Motor Vehicles Congress (and SIAR International Automotive and Transport Engineering Congress), Volume1303, doi:10.1088/1757-899X/1303/1/012044, 2023;
3. E M Vieru, M D Iozsa, L Ilea, G Frățilă, „*The influence of warning lights on the truck cabins on aerodynamic performance*", The 32nd International Congress of SIAR of Automotive and Transport Engineering, Volume1311, doi:10.1088/1757-899X/1311/1/012017, 2022;
4. E M Vieru, D Iozsa, L Ilea, G Frățilă, „*Influence of airflow in the lateral areas of tractor unit on its, aerodynamic performance*", The 10th International Conference on Advanced Concepts in Mechanical Engineering (ACME 2022), Volume1262, doi:10.1088/1757-899X/1262/1/012075, 2022;
5. A M Manea, M D Iozsa, E M Vieru, „*Analytical analysis of the thermal comfort of the occupants inside a truck cabin*", Economicity, Safety and Reliability for Motor Vehicles Congress (and SIAR International Automotive and Transport Engineering Congress), Volume1303, doi:10.1088/1757-899X/1303/1/012023, 2023;
6. L Ilea, C Stan, M Vieru, „*Aerodynamic means of reducing the influence of warning accessories on drag an emissions, for intervention vehicles*", Economicity, Safety and Reliability for Motor Vehicles Congress (and SIAR International Automotive and Transport Engineering Congress), Volume1303, doi:10.1088/1757-899X/1303/1/012028, 2023;

Student-doctorand
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