

**ТЕХНИЧЕСКИ УНИВЕРСИТЕТ - ВАРНА  
КАТЕДРА “ТРАНСПОРТНА ТЕХНИКА И ТЕХНОЛОГИИ”**

**ПРОГРАМА**

**XXX НАУЧНО-ТЕХНИЧЕСКА КОНФЕРЕНЦИЯ С  
МЕЖДУНАРОДНО УЧАСТИЕ**

**“ТРАНСПОРТ, ЕКОЛОГИЯ - УСТОЙЧИВО РАЗВИТИЕ”**



**ЕКО ВАРНА '2024  
13 – 15 Юни 2024**

13.06.2024 г.

- 12<sup>00</sup> – 13<sup>00</sup> Регистрация на участниците. Конферентна зала на Rosslyn Dimyat Hotel Varna  
13<sup>00</sup> – 13<sup>15</sup> Откриване на конференцията от доц. д-р инж. Сергей Белчев

Водещ заседанието: доц. д-р инж. Сергей Белчев

- 13<sup>15</sup> – 13<sup>30</sup> Пленарен доклад  
проф. д-р инж. Здравко Иванов – Работа на двигателите с горива от възобновяеми енергийни източници  
13<sup>30</sup> – 13<sup>45</sup> Evgeny Dimitrov - Study of the Compressed Natural Gas Influence on the Combustion Characteristics of a Spark Ignition Engine  
13<sup>45</sup> – 14<sup>00</sup> Plamen Punov - Study on combustion characteristics in a diesel engine with extended ignition delay  
14<sup>00</sup> – 14<sup>15</sup> Simeon Iliev - CFD Analysis on the effects of the geometry of the intake manifold on volumetric efficiency  
14<sup>15</sup> – 14<sup>30</sup> Delyan Hristov - Designing and setting up a marine engine diagnostic system for efficient engine operation in the sustainable path of the marine industry  
14<sup>30</sup> – 14<sup>45</sup> Stefan Stefanov - Problems with the operation of automatic transmissions of RE5R05A type  
14<sup>45</sup> – 15<sup>00</sup> Delyan Petkov - Influence of mean effective pressure on the temperature state of a cylinder head  
15<sup>00</sup> – 15<sup>15</sup> Elena Valkova - Impact of water transport in the Bulgarian Black Sea water area on human health  
15<sup>15</sup> – 15<sup>30</sup> Yordan Dermendzhiyski - A study of energy consumption of a converted electric vehicle in winter conditions  
  
15<sup>20</sup> – 15<sup>45</sup> Дискусии и кафе пауза

Водещ заседанието: проф. д-р инж. Здравко Иванов

- 15<sup>45</sup> – 16<sup>00</sup> Stoyan Stoyanov - Characteristics of the armature stroke of gas injectors  
16<sup>00</sup> – 16<sup>15</sup> Пламен Несторов - Изследване времето за реакция на водача  
16<sup>30</sup> – 16<sup>45</sup> Desislava Mincheva - Regarding some problems with bolted joints  
16<sup>45</sup> – 17<sup>00</sup> Plamen Petrov - Tests and research of aluminum alloys wear resistance after gas nitrocarburizing  
17<sup>00</sup> – 17<sup>15</sup> Vesela Dicheva - Entrepreneurial approaches in public transport in the Republic of Bulgaria  
17<sup>15</sup> – 17<sup>30</sup> Svilen Simeonov - Risk management in rapid prototyping of parts from electronic components with application in the automotive industry  
17<sup>30</sup> – 17<sup>45</sup> Mihail Ivanov - Study of the project activity of enterprises from the Transport sector in order to provide operating capital to deal with the consequences of the Covid-19 pandemic and the effect of the implemented projects  
17<sup>45</sup> – 18<sup>00</sup> Juliana Jorgova - Study of the criteria and methods for evaluating the team effectiveness of industrial enterprises  
18<sup>00</sup> – 18<sup>15</sup> Павел Узунтонев - Влияние на дизелово гориво Blue Diesel върху хидравличните характеристики на елементите от горивна система Common Rail

19<sup>00</sup> Вечеря в ресторанта на хотел Rosslyn Dimyat Hotel Varna

14.06.2024 г.

Конферентна зала ТУ-Варна НУК

Водещ заседанието: доц. д-р инж. Веселин Михайлов

- 10<sup>00</sup> – 10<sup>15</sup> Ahmed Ahmed - Computer aided parametric arrays design of structural elements in the automotive industry
- 10<sup>15</sup> – 10<sup>30</sup> Iliya Todorov - Investigation of rubber dampers for electric hoist motors
- 10<sup>30</sup> – 10<sup>45</sup> Marina Marinova-Stoyanova - Key leadership skills for the successful anti-crisis management of transport companies
- 10<sup>45</sup> – 11<sup>00</sup> Marina Marinova-Stoyanova - Impact of emotional intelligence on managers in the transportation sector sales
- 11<sup>00</sup> – 11<sup>15</sup> Galina Bakalova - Transport industry. Management of teams in problematic situations
- 11<sup>15</sup> – 11<sup>30</sup> Siyka Demirova - Assessment of customer satisfaction at the car service in Northeastern Bulgaria
- 11<sup>30</sup> – 11<sup>45</sup> Siyka Demirova - Research of the amount of stress of the personnel by measuring it in the transport industry
- 11<sup>45</sup> – 12<sup>00</sup> Vitaliy Sementsov - Modeling of the dosing process of loose fine-dispersed materials with a sieve dispenser
- 12<sup>00</sup> – 12<sup>15</sup> Veronika Stadnik - Impact of unauthorized accumulation of MSW near children's playgrounds on children's health

Постерна сесия

1. Ihor Marmut – Improving the accuracy of the orientation device for checking car headlights
2. Vyacheslav Pavlenko - Methods and technologies that allow to design various information systems in road transport
3. Vladimir Volkov - Evaluation of brake control efficiency of a vehicle with a vacuum booster
4. Yuriy Zytsev – Diagnosing cars on a brief stretch of road involves assessing their condition and identifying any issues or concerns within a limited distance
5. Alexey Bazhinov - Neural network control of the plant of a synergetic car
6. Mikhail Kravtsov - Fire hazards of electric and hybrid vehicles
7. Vladimir Bezrodnyi - Effect of mixture gasoline E-50 on the vehicle fuel consumption VAZ-2115
8. Serhei Mastepan - Development of a mechanism for improving the process of producing services by car service enterprises
9. Mikhail Nahliuk - Dependence of change in antifreeze electrical conductivity on temperature
10. Volodymyr Makarov – Ensuring the quality of car service services by improving their production management processes
11. Sergey Krivoshapov - Influence of load condition on fuel consumption for passenger cars on a simulation stand
12. Dimitar Arabadjiev - A comparative study of electric car in-cabin air quality
13. Neli Zdravcheva - Remote study of climatic cataclysms

15.06.2024 г.

Срещи и дискусии на територията на катедра „Транспортна техника и технологии“  
Технически университет - Варна