



Automotive and Integrated Transport Systems

AIT 2021

THE 31-st SIAR INTERNATIONAL CONGRESS AUTOMOTIVE and TRANSPORT ENGINEERING

AIT 2021

Congress Main Theme

„Automotive and Integrated Transport Systems”

October 28 - 30, 2021



CONGRESS PROGRAM

Online, Chisinau, Republic of Moldova

ORGANIZED BY:

The Technical University of Moldova, Faculty of Mechanical Engineering and Transport, Department of Transport (<https://utm.md/>)

The State Agricultural University of Moldova (<https://www.uasm.md/>)

Society of Automotive Engineers of Romania (<http://siar.ro/>)

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West Saxon University of Zwickau, Germany

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University of Belgrade, Serbia

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Asociația Patronală Uniunea
Transportatorilor și Drumarilor din
Republica Moldova

privesc eu

AGRO
TV MOLDOVA



DAAC Hermes



Direcția Generală Transport Public și Căi de Comunicație
DGTPCC Chișinău

GROUPE
RENAULT



SIAR

SOCIETY OF AUTOMOTIVE
ENGINEERS OF ROMANIA

UTM UNIVERSITATEA TEHNICĂ
A MOLDOVEI

Thursday, 28th of October, 2021

Microsoft Teams, Channel: PLENARY SESSION

| | |
|--|---|
| 9:30 – 10:30 | Welcome & Official Opening |
| Official opening | Assoc. prof., dr. Victor CEBAN – Congress Chairman |
| | Prof., dr. hab. Viorel BOSTAN – Rector of the Technical University of Moldova |
| | Prof., dr. Nicolae BURNETE – SIAR President |
| | Eng. Andrei SÎNGEREANU – Director of the National Car Transport Agency, Moldova |
| | Eng. Eugen DAȚCO – President of the Union of Carriers and Roads, Moldova |
| | Eng. Ghenadie BOTNARI – Deputy director DAAC HERMES, Moldova |
| | Mr. Günther HOHL – EAEC President and Former FISITA Vice-president, Austria |
| | Prof., dr. Eugen – Mihai NEGRUȘ – SIAR Honorary President |
| | Eng. Radian TUFĂ – General Manager, Romanian Automotive Register |
| | Assoc. prof., dr. Mihail GADIBADI – Dean of the Faculty of Agricultural Engineering and Auto Transportation, State Agrarian University of Moldova |
| Greeting message | Dr. Sorin-Vlad IGREȚ – „Aurel Vlaicu” University of Arad |
| | Dr. Ștefan VOLOACĂ – University „Politehnica” of Bucharest |
| | Assoc. prof., dr. Radu VILĂU – „Ferdinand I” Military Technical Academy |
| | Assoc. prof., dr. Dragoș-Sorin DIMA – „Transilvania” University of Brașov |
| | Prof., dr. Laurențiu-Claudiu MANEA – „Ovidius” University of Constanța |
| | Prof., dr. Ilie DUMITRU – University of Craiova |
| | Prof., dr. Viorel PĂUNOIU – „Dunărea de Jos” University of Galați |
| | Assoc. prof., dr. Radu DROSESCU – „Gheorghe Asachi” Technical University of Iași |
| | Assoc. prof., dr. Horia BELEȘ – University of Oradea |
| | Prof., dr. Adrian – Constantin CLENCI – University of Pitești |
| Prof., dr. Liviu-Nicolae MIHON – Polytechnic University of Timisoara | |
| 10:30 – 11:00 | Coffee Break |

PLENARY SESSIONS

Moderators: Nantoi Vadim, Radu Oxana

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|---------------|--|
| 11:00 – 11:30 | Prof., dr. Cornel STAN – West Saxon University of Zwickau, Germany <i>Auto-Mobility for the Future – Functional and Technical Development</i> |
| 11:30 – 12:00 | Mr. Iulian RUSNAC – Department Head of the Sumitomo Electric Bordnetze, Moldova <i>Automotive Industry in the Republic of Moldova</i> |
| 12:00 – 12:30 | Assoc. prof., dr. Nicolae SECRIERU – Deputy Director NCST, Moldova <i>Software Defined Car: Trends, Perspectives and Problems</i> |
| 12:30 – 13:00 | Cristian MARTIN, Stefan KANYA – AVL, Austria <i>Passenger Cars and the Transformation of Automotive Industry</i> |
| 13:00 – 15:00 | Lunch Break |
| 15:00 – 15:30 | Prof., dr. Anghel CHIRU – TRANSILVANIA University; Dr. Ing. Lucian Eugen RAD – STABILUS; Dr. Ing. Dan DOGARIU – SCHAEFFLER <i>Automotive Research Products of TRANSILVANIA University:</i> <ul style="list-style-type: none">• Calculation methods and innovative technologies for carbon fiber reinforced composites;• Optimization techniques for engine processes of 21st century automobiles. |
| 15:30 – 16:00 | Eugen MODRIȘAN – Eng. Technical Support, MAGIC ENGINEERING, Brașov, Romania <i>CATIA 3D Experience for Students</i> |
| 16:00 – 16:30 | Ilie DUMITRU, Oana OȚAT – University of Craiova, Romania <i>Dedicated Software Platforms Used to Study the Dynamics of Traffic Accidents</i> |
| 16:30 – 17:00 | Assoc. prof., dr. Ilie NUCA – Head of the Electrical Engineering Department, Technical University of Moldova, Republic of Moldova <i>Modern Traction Systems for Urban Passenger Electric Vehicles</i> |
| 17:00 – 17:30 | Assoc. prof., dr. Christopher DEPCIK – University of Kansas, USA <i>Internal Combustion Engines: “Dead” on Earth, Alive on Mars</i> |



Friday, 29th of October, 2021

PANEL DISCUSSIONS

Microsoft Teams, Channel: „ROAD VEHICLES”

Moderators: Nantoi Vadim, Radu Oxana

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|---------------|--|
| 9:00 – 9:10 | Adrian Nicolici, Constantin Pana, Niculae Negurescu, Alexandru Cernat, Gheorghe Lazaroiu, Lucian Mihaescu, Cristian Nutu <i>Researches Regarding the Animal Fats Use at a Truck Diesel Engine</i> |
| 9:10 – 9:20 | Andrei Laurentiu Niculae, Radu Chiriac, Alexandru Racovitza, Vlad Alexandru Ungureanu <i>Effect of Injection System Characteristics on Performance, Efficiency and Emissions of Agricultural Tractor Diesel Engines</i> |
| 9:20 – 9:30 | Salvadore Mugurel Burciu <i>Experimental Studies on the Influence of Diesel Quality and Additive for Fuel on the Smoke Emission of Diesel Cars</i> |
| 9:30 – 9:40 | Cristian Claudiu Sandu <i>The Study on the Influence of Utilizing n-butanol at Fueling Spark Ignition Engines</i> |
| 9:40 – 9:50 | Bogdan Cornel Benea <i>The Effect of Added Ethanol to Diesel Fuel on Performance and Combustion of a Diesel Engine</i> |
| 9:50 – 10:00 | Laszlo Barothi, Monica Ramona Stoica, Daniela Voicu, Radu Vilau, Lorena Deleanu <i>Study Regarding the Influence of Geometrical Characteristics of the Distribution System on Truck Engines Efficiency Parameters</i> |
| 10:00 – 10:10 | I. Besleaga, M. Gadibadi <i>Study of the Wear Parameters of the Physic-Chemical and Exploitation Indicators of the Engine Oil When it is Supplied with Biofuel</i> |
| 10:10 – 10:20 | O. I. Petrov <i>Electric Transmission for Hybrid Vehicle</i> |
| 10:20 – 10:30 | Radu Tarulescu, Stelian Tarulescu, Cristian Leahu, Marius Olaru <i>Photovoltaic System for E-Smart Electric Vehicle</i> |
| 10:30 – 10:40 | Rares-Lucian Chiriac, Ovidiu Andrei Condrea, Anghel Chiru <i>The Analysis of a Hybrid Turbocharger Main Parameters Applied to an Internal Combustion Engine</i> |
| 10:40 – 11:00 | Coffee Break |
| 11:00 – 11:10 | Alexandru-Adrian Ancuta <i>Modeling and Simulation of an Electric Propulsion System Equipped With Fuel Cell</i> |
| 11:10 – 11:20 | Laszlo Barothi, Ramona Monica Stoica, Daniela Voicu, Radu Vilău, Lorena Deleanu <i>Study Regarding the Influence of Geometrical Characteristics of the Distribution System on Truck Engines Efficiency Parameters</i> |
| 11:20 – 11:30 | Cosmin Constantin Suciu, Sorin Vlad Igret, Ioana Ionel <i>Study of the Influence on Gas Emissions by Using Hydrogen in a Diesel Engine</i> |
| 11:30 – 11:40 | Ion Preda <i>Theoretical Estimation of the Drawbar Pull for Two-Axle Automotive Vehicles</i> |
| 11:40 – 11:50 | Stefan Izvorean, Virgil Stoica <i>Experimental test bench with diesel engine for the study of multi fuels usage</i> |
| 11:50 – 12:00 | Cornel Constantin, Marius Valentin Băţăuş, Cristian Alexandru Renţea, Gheorghe Frăţilă <i>Effectiveness of the Measurements for CO2 Emission Reduction in Real World</i> |
| 12:00 – 12:10 | Vasile Blaga, Tudor Mitran, Rus Alexandru, Horia Beles, George Dragomir <i>A Comparative Study of Calculated and Experimental Indicated Dyagrams of a S.I. Engine</i> |
| 12:10 – 12:20 | Constantin Ovidiu Ilie, László Barothi, Marin Marinescu, Ioan Tiberiu Giurgiu <i>Aspects of Electric Transmission Implementation on a Battle Tank</i> |



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| 12:20 – 12:30 | P. Voleac, A. Dichii <i>Mathematical Simulation of the Economic-Energy Parameters of the Engine 4DC-125/110 Supplied With Mixed Fuel Based of Thermal Calculation</i> |
| 12:30 – 12:40 | Mihai Dumitru, Cristian Ionas <i>Comparative Numerical Evaluation of ECE-EUDC Cycle Performances of a Hypothetical Car Equipped with Three Types of Propulsion Systems: Conventional, Series Hybrid and Parallel Hybrid</i> |
| 12:40 – 13:00 | Coffee Break |
| 13:10 – 13:20 | Mihai Gaidur, Ionut Pascal, Edward Rakosi, Tudor Ulian, Sorinel-Gicu Talif, Gheorghe Manolache <i>Analytical Study Regarding the Topological Optimization of an Internal Combustion Engine Cylinder Block</i> |
| 13:20 – 13:30 | Mihai Gaidur, Ionut Pascal, Edward Rakosi, Tudor Ulian, Gheorghe Manolache, Sorinel Gicu Talif <i>Contributions Towards Improving the Displacement and Strain Responses of an Internal Combustion Engine Piston Through Topology Optimisation</i> |
| 13:30 – 13:40 | Iuliana Costiuc, Liviu Costiuc <i>Numerical Investigation of a Pressure Wave Supercharger</i> |
| 13:40 – 13:50 | Iuliana Costiuc, Liviu Costiuc, Anghel Chiru <i>Investigations of Pressure Field along a Channel of a Pressure Wave Supercharger</i> |
| 13:50 – 14:00 | Iacob-Liviu Scurtu <i>Numerical Evaluation of Vehicles Aerodynamics in Platoon Using CFD Simulation</i> |
| 14:00 – 14:10 | Antoaneta Dobreva, V. Dobrev, G. Mollova <i>Research of Gear Drives</i> |
| 14:10 – 14:20 | Razvan Boboc, Mihai Duguleana, Florin Girbacia, Cristian Postelnicu, Daniel Voinea <i>Toward Blockchain Adoption for Automotive Industry</i> |
| 14:20 – 14:30 | Laurentiu Ilea, Daniel Iozsa, Gheorghe Fratila <i>Modeling a Virtual Wind Tunnel for Vehicle Aerodynamic Measurements</i> |
| 14:30 – 14:40 | Radu Iulian Negrila, Sorin Vlad Igręţ <i>Reliability of Automotive Subsystems Influence on the Motor Vehicles Fuel Economy</i> |
| 14:40 – 14:50 | Constantin Paul Predoiu, Stefan Tabacu, Raluca Negrea, Dinel Popa, Mihai Stirosu <i>Summary Collapse Modes Classification of Different Cross-Section Structures</i> |
| 14:50 – 15:00 | Victor Iorga-Siman, Adrian Clenci, Rodica Niculescu <i>On the analysis of the in-cylinder flow characteristics via numerical and experimental approach</i> |
| 15:00 – 15:10 | Daniela Voicu, Radu Stefan- Tigran <i>Measuring Through Simulation of the Performance Characteristics of the IVECO M250.45 WM</i> |
| 15:10 – 15:30 | Discussions |



Friday, 29th of October, 2021

PANEL DISCUSSIONS. Microsoft Teams,

Channel: „AUTOMOTIVE TECHNOLOGY AND TRANSPORTATION”

Moderators: Bivol Elena, Radu Oxana

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|---------------|---|
| 9:00 – 9:10 | P. Bec, Doru Laurean Baldean, A.I. Borzan <i>Analysis of environmental vulnerability based on Diesel Particle Filter regenerative limits</i> |
| 9:10 – 9:20 | Alexandru Boroiu, Viorel Nicolae, Omar Alssadi, Tiberiu Udma <i>Proposal of an analytical method based on linear regression for modeling reliability by Weibull law</i> |
| 9:20 – 9:30 | Andrei Ionut Dontu, Edward Rakosi, Paul Doru Barsanescu, Tudor Marian Ulian <i>New composite polymer sensor for automotive weighing</i> |
| 9:30 – 9:40 | Ionut Pascal, Mihai Gaidur, Alexandra-Elena Radu, Edward Rakosi, Gheorghe Manolache, Sorinel-Gicu Talif <i>New concept of car door reinforcement</i> |
| 9:40 – 9:50 | Ramona Monica Stoica, Daniela Voicu, Radu Vilau, Laszlo Barothi, Lorena Deleanu <i>Bearings fault detection by means of frequency analysis</i> |
| 9:50 – 10:00 | Oleg Boris Frunze <i>Researching the influence of various factors on the materials used in car body construction and protection</i> |
| 10:00 – 10:10 | Victor Ceban <i>Ways to optimize the bearing capacity of heavily loaded tribological pairs</i> |
| 10:10 – 10:20 | Sorin Aurel Rațiu, Nicolae Liviu Mihon, Gelu Ovidiu Tirian, Diana Miruna Armioni <i>A review of globally applied used engine oil recycling technologies</i> |
| 10:20 – 10:30 | Dragos Tutunea, Ilie Dumitru, Laurentiu Racila, Oana Otat, Ionut Geonea <i>Evaluation of temperature sensors used in automotive applications type NTC and PTC</i> |
| 10:30 – 10:40 | Dragos Tutunea, Ilie Dumitru, Laurentiu Racila, Cristina Rotea <i>Experimental investigation on the alternator charging capacity for automotive applications</i> |
| 10:40 – 11:00 | Coffee Break |
| 11:00 – 11:10 | Sorin Aurel Ratiu, Nicolae Liviu Mihon, Ioan Laza, Miruna Diana Armioni <i>Statistical Study on the Contamination of Used Engine Oil</i> |
| 11:10 – 11:20 | Viorel Paunoiu, Virgil Teodor, Cezarina Afteni, Nicusor Baroiu, Georgiana Costin <i>Application of 3D Scanning in Inspection of the Automotive Body Parts</i> |
| 11:20 – 11:30 | Georgian UDVULEANU <i>Considerations on implementing Industry 4.0 in a manufacturing process</i> |
| 11:30 – 11:40 | Catalin Victor Zaharia, rodica niculescu, mihaela nastase, adrian constantin clenci, victor iorga - siman <i>Engine oil analysis in order to evaluate the degree of its wear during the period of operation of the vehicle</i> |
| 11:40 – 11:50 | Dinu Iacob Poiana, Ioana Ionel, Rares Mihaita Popa, Ilare Bordeasu <i>Results concerning manufacturing of car components, using hydroforming and hydroperforation processes</i> |
| 11:50 – 12:00 | L. Andrei, Doru Laurean Baldean <i>Modelling the consumption and NOx levels on Mercedes E 350 CDI for a better control of public health exposure</i> |
| 12:00 – 12:10 | Tudor Marian Ulian, Edward Rakosi, Ionut Andrei Dontu <i>Analysis of the cylinder head for a spark ignition engine using zonal cooling principle</i> |
| 12:10 – 12:20 | Valeriu Ionica, Ilie Dumitru, Mihaela Bogdan, Ionut Daniel Geonea <i>Study on a test bench of a vehicle rear axle fatigue behavior</i> |
| 12:20 – 12:30 | Stefan Voloaca, Marius-Florin Toma <i>The study of a cost effective developed system for the comfort testing of the motor vehicle driver and the passengers</i> |



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| 12:30 – 12:40 | Mariana Madalina Udrea, Daniela Voicu, Ramona Monica Stoica, Laszlo Barothi <i>Diagnosis of mechanical parts by analyzing vibrations measured during operation</i> |
| 12:40 – 13:00 | Coffee Break |
| 13:00 – 13:10 | Corneliu Birtok Băneasă, Adina Budiul Berghian, Sorin Aurel Ratiu <i>The influence of the air filter location on the intake system temperature in the case of drift engines</i> |
| 13:10 – 13:20 | Grigore Ambrosi <i>Specialized audit - a method of improving transport and logistics systems</i> |
| 13:20 – 13:30 | Grigore Ambrosi <i>Comparative analysis of the non-uniformity of the freight and passengers flows within the transport system of the Republic of Moldova</i> |
| 13:30 – 13:40 | Natalia Sestenco-Diacek, Nina Garstea, Galina Voloscenco <i>The Qualitative Education of Personnel - The Key to the Competitiveness of Transport Companies</i> |
| 13:40 – 13:50 | Nina Garstea, Galina Voloscenco, Natalia Sestenco-Diacek <i>Particulars of the Probation in Civil Cases for the Examination of Disputes in the Field of Transport</i> |
| 13:50 – 14:00 | Galina Voloscenco, Nina Garstea, Natalia Sestenco-Diacek <i>Transport Infrastructure as Indicator of Economic Development of the Country</i> |
| 14:00 – 14:10 | O. I. Petrov <i>Method for calculating loading of a car service station in cluster based on analysis of car owner's preferences</i> |
| 14:10 – 14:20 | Elena BIVOL <i>Involvement of Road Traffic in The Global Economic and Social Sector</i> |
| 14:20 – 14:30 | Elena BIVOL <i>Elements of Organizational Management that Require Changes in Transport Companies. The Need for Change and Innovation in Transport Companies</i> |
| 14:30 – 14:40 | Margareta Vîrcolici <i>Impact of Tax Changes on Micro and Small Enterprises Involved in Transportation of Goods or Passengers</i> |
| 14:40 – 14:50 | Margareta Vîrcolici <i>The Need for Investment in Transport Infrastructure Development</i> |
| 14:50 – 15:00 | Vadim Nantoi, D. Nantoi <i>Fast Decision Making in Planning</i> |
| 15:00 – 15:10 | V. Nantoi, L. Timish <i>Requirements, Process Maps and Times in Logistics Project Management</i> |
| 15:10 – 15:30 | Discussions |



Friday, 29th of October, 2021

PANEL DISCUSSIONS

Microsoft Teams, Channel: „ROAD SAFETY”

Moderators: Ceban Dumitru, Radu Oxana

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| 9:00 – 9:10 | Alin Drosu, Corneliu Cofaru, Mihaela Virginia Popescu <i>A probabilistic approach of the single vehicle accident's severity</i> |
| 9:10 – 9:20 | Alexandru Ionut Garnita, Marius Gheorghe Corbu, Florin Daniel Toma, Daniel Dragos Trusca <i>Dynamics of frontal crash in/without presence of passive safety systems</i> |
| 9:20 – 9:30 | Laurentiu Carabulea, Claudiu Pozna, Csaba Antonya, Calin Husar, Alexandra Baicoianu <i>The influence of the Advanced Emergency Braking System in critical scenarios for autonomous vehicles</i> |
| 9:30 – 9:40 | Marius Gheorghe Corbu, Alexandru Ionut Garnita, Daniel Dragos Trusca, Florin Daniel Toma <i>Comparative analysis of driver's motion using different headrest positions during the rear-end collision</i> |
| 9:40 – 9:50 | Andrei-Alexandru Boroiu, Elena Neagu, Alexandru Boroiu, Ionel Vieru <i>Improving Road Traffic by Rerouting Flows Based on Various Regulation Scenarios Analysis</i> |
| 9:50 – 10:00 | Tiberiu Daniel Ionita, Nicolae Ispas, Anghel Chiru, Dana Motoc Luca <i>The connection between the quality of the periodic technical certification of motor vehicles and the road traffic safety and other ecological and commercial aspects</i> |
| 10:00 – 10:10 | Marius Ioan Gheres <i>Crash testing and evaluation of W-beam guardrail using finite elements method</i> |
| 10:10 – 10:20 | Nicolae Ispas, Mircea Năstăsoiu <i>Assessing potential cars occupant's injuries in three different collision scenarios between a car and a truck</i> |
| 10:20 – 10:30 | Ana Maria Manea, Daniel Iozsa, Cornelia Stan, Alexandra Ioniță <i>Experimental test to determine the strength of the seat belt anchorages</i> |
| 10:30 – 10:40 | Alexandra Ionita, Daniel Iozsa, Cornelia Stan, Ana-Maria Manea <i>Frontal impact on truck cabin structure using FE modeling</i> |
| 10:40 – 11:00 | Coffee Break |
| 11:00 – 11:10 | Claudiu Nedelescu, Anghel Chiru, Paul Mihai Vrabie, Daniel Dragos Trusca <i>The analysis of kinematic parameters of the vehicle occupants on impact with a rigid barrier</i> |
| 11:10 – 11:20 | Claudiu Nedelescu, Anghel Chiru, Gicuta Banu, Paul Mihai Vrabie, Daniel Dragos Trusca <i>Aspects regarding the night-time visibility of pedestrians</i> |
| 11:20 – 11:30 | Victor Otat, Oana Victoria Otat, Diana Alexandra Otat <i>Road Safety-Related Determining of Time and Space Braking Under Different Travel Conditions</i> |
| 11:30 – 11:40 | Alexandru Ionut Radu <i>Traffic flow analysis between a signalized intersection and a roundabout intersection</i> |
| 11:40 – 11:50 | V. Plamadeala <i>Two decades of accidental situation in the Republic of Moldova</i> |
| 11:50 – 12:00 | Nina Garstea <i>Analysis of the criminal situation in the field of road accidents: causes, problems and solutions regarding their prevention</i> |
| 12:00 – 12:10 | Adela Ioana Borzan, Doru Laurean Baldean <i>Virtual Graphic Design of a Robotic Chevrolet Camaro Vehicle for Automated Passenger Transport and for Improving Road Safety</i> |
| 12:10 – 12:20 | Stefanita Ciunel <i>Corroboration of the Data Obtained by Virtual Methods with the Real Ones in the Study of Road Accidents</i> |



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| 12:20 – 12:30 | Irina Duma <i>A Review of Road Traffic Accidents Reconstruction Methods and Their Limitations with Respect to the National Legal Frameworks</i> |
| 12:30 – 12:40 | Grigore Ambrosi <i>Assessing the level of competence of experts in road transport systems</i> |
| 12:40 – 13:00 | Coffee Break |
| 13:00 – 13:10 | Igor Rotaru <i>The Influence of Operational Factors on Speed Regimes and Fuel Economy of The Urban Passenger Transport</i> |
| 13:10 – 13:20 | Adrian Vilcan, Viorel Nicolae, Ivana Martin, Mihaela Istrate <i>Considerations on reducing fuel consumption and emissions by optimizing traffic control in congested urban areas</i> |
| 13:20 – 13:30 | Mădălin-Dorin Pop, Luisa Dungan <i>Blockchain-based Solutions for Smart Mobility Sustainability Assurance</i> |
| 13:30 – 13:40 | Dan Marius Mustata <i>Air quality analysis on a frequently congested road section</i> |
| 13:40 – 13:50 | Carmen Gheorghe <i>Road traffic analysis using aerial video detection and image processing</i> |
| 13:50 – 14:00 | Lucian Matei, Laurentiu Racila, Ilie Dumitru, Dragos Tutunea, Alexandru Oprica <i>Traffic analysis for the reconstruction of the street geometries in the case of the construction of shopping centre in crowded cities</i> |
| 14:00 – 14:30 | Discussions |

Friday, 29th of October, 2021

STUDENT CONTESTS

Technical University of Moldova: 9/8 Studentilor Street, study block No.6, of. 6-414

Moderator: Igor ROTARU

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|---------------|--|
| 9:30 – 11:45 | The student contest „Prof. univ. eng. Constantin GHIULAI” <i>Vehicle Dynamics</i> |
| 11:45 – 13:00 | Lunch Break |
| 13:00 – 15:00 | The student contest „Prof. univ. eng. Constantin GHIULAI” <i>Automotive Computer Aided Design</i> |
| 16.00 – 17:00 | Awarding ceremony for the student contests & Congress Closing Ceremony |

Saturday, 30th of October

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| 9:00 – 13:00 | Touristic program |
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