

SCIENTIFIC CONFERENCE: SYNERGY OF INDUSTRY AND SCIENCE FOR A SUSTAINABLE FUTURE

30th NOVEMBER
10:00 AM

9.45 -10.00 val.

Technical Login

10 val.

The beginning of the Conference. Opening Speech

Nerijus Varnas, Director of Kaunas University of Applied
Engineering Sciences

10.10 – 10.40 val.

**What kind of an employee is needed for nowadays
labour market?**

Rita Karavaitienė, Marketing Manager, CV-Online

10.45 – 11.10 val.

Lithuanian Data Centres

Remigijus Šeris, General Manager, AB Lithuanian Radio and
Television Centre

11.15 – 11.40 val.

How I Found My Way

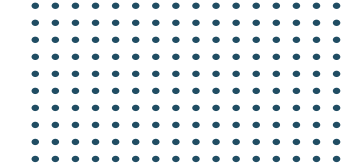
Mykolas Našlėnas, Road Construction Engineering Programme Student

11.40-12.00 val.

Technical break

12.00 – 14.30 val.

**Presentation of applied research and experimental
development work results in scientific groups**



10 -11.40 am

PLENARY SESSION

Moderator – dr. Giedrė Adomavičienė

Link to the conference:

<https://liedm.zoom.us/j/92965995854>

(Meeting ID: 929 6599 5854)



INNOVATIONS IN MODERN CONSTRUCTION AND ROAD CONSTRUCTION SECTORS

MODERATOR – DR. ROSITA NORVAIŠIENĖ

LINK TO THE CONFERENCE: [HTTPS://LIEDM.ZOOM.US/J/2251700242](https://liedm.zoom.us/j/2251700242)
MEETING ID: 225 170 0242

1. RESEARCH OF ROAD FOUNDATION AND ITS PRACTICAL SIGNIFICANCE

REGINA MOTIENĖ, MYKOLAS NAŠLĖNAS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

2. THE PROJECT OF KAUNAS AIRPORT NORTHERN PLATFORM DEVELOPMENT

REGINA MOTIENĖ, MARIUS VAIŠNORAS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

3. MULTI-CRITERIA ANALYSIS OF STORAGE BUILDING ROOF THERMAL INSULATION MATERIALS

JŪRATĖ MOCKIENĖ, MODESTAS JADENKUS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

4. POSSIBILITIES OF USING ALTERNATIVE BUILDING MATERIALS IN CONSTRUCTION

DAINIUS RAMUKEVIČIUS, ANDRIUS VILIMAS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

5. ANALYSIS OF GYM BUILDING FLOORING

BIRUTĖ POŽĖRIENĖ, PAULIUS ORINTAS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

6. ANALYSIS OF LIVING SPACE FLOORING

BIRUTĖ POŽĖRIENĖ, IVETA PUIKYTĖ (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

7. ANALYSIS OF ADMINISTRATIVE BUILDING FRAMEWORK SOLUTIONS

VIOLETA MEDELIENĖ, RIMVYDAS ŽUKAUSKAS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

8. COMPARATIVE ANALYSIS OF CATERING BUILDING EXTERNAL WALLS

VIOLETA MEDELIENĖ, KAROLIS ŽIŽYS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)





INNOVATIONS AND PERSPECTIVES OF ELECTRONIC AND ELECTRICAL ENGINEERING IN SCIENCE AND INDUSTRY

MODERATOR – DR. RŪTA JANKŪNIENĖ

LINK TO THE CONFERENCE: [HTTPS://LIEDM.ZOOM.US/J/99345448586](https://liedm.zoom.us/j/99345448586)
MEETING ID: 993 4544 8586

1. CAPACITIVE SENSOR AND ITS USE POSSIBILITIES

EDVINAS NORVILAS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

2. RESEARCH ON THE SOLAR PHOTOVOLTAIC PANEL EFFICIENCY

VYTENIS JONEVIČIUS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

3. RESEARCH ON LI-FI SYSTEM IMPLEMENTATION IN THE INDOOR SPACES

ŽYGMANTAS MIKOLAINIS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

4. RESEARCH ON THE POSSIBILITIES OF DETECTING THE POSITION OF THE RF TRANSMITTER TO CONTROL A MOVING OBJECT

ANDRIUS KAZANAČIUS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

5. INCREASING THE EFFICIENCY OF THE INDUCTION HEATER IN THE HEAT PROCESSING OF MAGNETIC METALS

ALGIRDAS VAITKEVIČIUS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

6. USING AI CAPABILITIES FOR PEOPLE FLOW COUNTER

DEIVIDAS RIMKUS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

7. ANALYSIS OF EQUIVALENT CIRCUITS OF PROTECTION SENSORS AND LINE FAULTS

ARMINAS GRUŽAUSKAS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

8. AUTOMATIC SYSTEM FOR PLANTS VEGETATION MAINTENANCE

JUSTAS ČERNEVIČIUS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

9. REDUCING THERMAL POLLUTION USING THERMOELECTRIC GENERATORS

DARIUS STANISLOVAITIS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

10. SMART ENERGY- SAVING LIGHTING SYSTEM

JONAS STANKAUSKAS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

11. OVERVIEW OF THE TYPES OF ELECTRICAL NETWORK PROTECTIVE DISCONNECTION DEVICES

RASA MULERAČIENĖ, KRISTUPAS NAUJOKAS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

12. NUCLEAR FUSION, THE UNLIMITED SUSTAINABLE ENERGY RESOURCE

CARLOS MARTIN RUIZ (REY JUAN CARLOS UNIVERSITY)





DESIGN SOLUTIONS OF MOTOR TRANSPORT ELECTRONICS INNOVATIONS

MODERATOR - DR. RASA ŽYGIENĖ

LINK TO THE CONFERENCE: [HTTPS://LIEDM.ZOOM.US/J/94158457068](https://liedm.zoom.us/j/94158457068)

MEETING ID: 941 5845 7068

- 1. INVESTIGATION OF NOVEL TEMPERATURE CONTROL SYSTEMS BASED ON NEURAL NETWORKS FOR INJECTION PLASTIC MOLDING MACHINES**
OLEKSANDR VELIHORSKYI (CHERNIHIV POLYTECHNIC NATIONAL UNIVERSITY)
 - 2. ANALYSIS OF METHODS TO IMPLEMENT THE LAYOUT OF THE AUTOMOTIVE ELECTRIC COOLANT HEATING SYSTEM**
VILIUS KELEVIŠIUS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)
 - 3. ANALYSIS OF WAYS TO IMPROVE CARS' AUTOMATIC LIGHTING SYSTEM**
GYTIS JAKUNTAVIČIUS, DŽIUGAS SOPICKIS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)
 - 4. RESEARCH ON THE ECONOMIC MODE OF A GASOLINE-POWERED CAR**
RASA ŽYGIENĖ, AURIMAS STONKUS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)
 - 5. DESIGN OF A MOBILE CAR INFORMATION SYSTEM**
MODESTAS JOVAIŠA, RASA ŽYGIENĖ (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)
 - 6. MOTORCYCLE'S WHEELS CONTROL SYSTEMS**
MATAS NIEKIS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)
 - 7. ANALYSIS OF WIRELESS CHARGING IMPLEMENTATION METHODS**
MARIUS SAUNORIS, SIMONAS RIAUKA (KAUNAS UNIVERSITY OF TECHNOLOGY, KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)
 - 8. ANALYSIS OF THE AUTOMATIC CAR DASHBOARD LIGHTING SYSTEM**
AUGUSTINAS MANIUŠIS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)
 - 9. ANALYSIS OF WAYS TO IMPLEMENT CAR ENGINE CRANKSHAFT SPEED MAPPING SYSTEMS**
EGIDIJUS GELŪNAS, PAULIUS VITONIS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)
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INNOVATIONS OF TRANSPORT AND MECHANICAL ENGINEERING IN SCIENCE AND INDUSTRY

MODERATOR – DR. DONATA PUTNAITĖ

LINK TO THE CONFERENCE: [HTTPS://LIEDM.ZOOM.US/J/95235782445](https://liedm.zoom.us/j/95235782445)
MEETING ID: 952 3578 2445

1. PRODUCTIVITY ASSESSMENT OF DROPLET AND IMPULSE METAL TRANSFER TECHNOLOGIES IN ARC WELDING

NEDA SINICAITĖ, ANDRIUS KOZLOVAS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

2. INFLUENCE OF CONSTANT AND ALTERNATING WELDING CURRENTS ON THE DEGREE OF DEFORMATIONS IN THE 121 PROCESS

DONATA PUTNAITĖ, HUBERTAS LEŠČIAUSKAS. (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

3. MULTI-CRITERIA ASSESSMENT OF QUALITY ASSURANCE SOLUTIONS FOR ECCENTRIC FAN HUBS

DONATA PUTNAITĖ, MARTYNAS LEONAVIČIUS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

4. DEPENDENCE OF THE EFFICIENCY OF CUTTING ALUMINIUM ALLOYS TECHNOLOGICAL PROCESS ON THE APPLIED CUTTING TOOL COOLING TECHNOLOGY

ROLANDAS ŠERTVYTIS, LUKAS STAŠAITIS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

5. INFLUENCE OF WORK PIECE BASING ON THE TECHNOLOGICAL EFFICIENCY OF HEAVY-LOADED DIESEL ENGINE BLOCK CYLINDER LINERS' MANUFACTURING PROCESS

ROLANDAS ŠERTVYTIS, OVIDIJUS GUDAITIS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

6. ANALYSIS OF THE LITHUANIAN STATE AIR QUALITY MONITORING SYSTEM

MARIUS MAŽEIKA, DARIUS JUODVALKIS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

7. LOGISTICS CHAIN ANALYSIS

MARINA POLO (REY JUAN CARLOS UNIVERSITY)

8. ANALYSIS OF SPORTS CAR CHASSIS

GRAŽVYDAS STRAZDAUSKAS, MARIUS MAŽEIKA (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

9. ANALYSIS OF POSSIBILITIES TO MODIFY PASSENGER CARS

VYTAUTAS ŠUKEVIČIUS, MARIUS MAŽEIKA (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)


10. RESEARCH ON DIESEL ENGINE PERFORMANCE INDICATORS USING ALTERNATIVE FUELS

EDVINAS VABUOLIS, TOMAS MICKEVIČIUS (VYTAUTAS MAGNUS UNIVERSITY, KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

11. RESEARCH ON THE LUBRICATING PROPERTIES OF SECOND-GENERATION BIOFUELS AND DIESEL FUELS

TAUTVYDAS PRANCKEVIČIUS, TOMAS MICKEVIČIUS (VYTAUTAS MAGNUS UNIVERSITY, KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)





TECHNOLOGICAL AND EXPERT INNOVATIONS IN AERONAUTICAL ENGINEERING FIELD

MODERATOR – DR. ESMERALDA ŠTYPŠ

LINK TO THE CONFERENCE: [HTTPS://LIEDM.ZOOM.US/J/8126109218](https://liedm.zoom.us/j/8126109218)
MEETING ID: 812 610 9218

1. ANALYSIS OF POSSIBILITIES TO INCREASE THE INTERNAL EFFICIENCY OF TURBOFAN ENGINES

DOUGLAS GLIVVA (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

2. PECULIARITIES OF GEARS IN AIRPLANES

ELISA RUBIO, CARMEN REQUENA GARCIA (REY JUAN CARLOS UNIVERSITY)

3. PECULIARITIES OF CHAIN DRIVES IN AIRPLANES

PAULA GUTIERREZ PEREZ, INÉS GÓMEZ DE LOS INFANTES PEÑA (REY JUAN CARLOS UNIVERSITY)

4. PECULIARITIES OF BELT DRIVE IN HELICOPTER

ANA DE LA PEÑA BAÑOS, ANDREA POVES JIMÉNEZ (REY JUAN CARLOS UNIVERSITY)

5. MATHEMATICAL ANALYSIS OF AIRBUS A320 NEO MAIN LANDING GEAR

JUAN FLORES DE DIOS (REY JUAN CARLOS UNIVERSITY)

6. ELECTRIC MOTOR TECHNOLOGY IN AVIATION

HAMZA HAMEED CHOCHAN (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

7. TECHNOLOGICAL RESEARCH ON LAND AND AIR TRANSPORT

ONUR UNAL (ESKISEHIR TECHNICAL UNIVERSITY)





EDUCATION OF PROFESSIONAL AND GENERAL COMPETENCE: EXAMPLES OF GOOD PRACTICE

MODERATOR – DR. GIEDRĖ ADOMAVIČIENĖ

LINK TO THE CONFERENCE: [HTTPS://LIEDM.ZOOM.US/J/92965995854](https://liedz.m.zoom.us/j/92965995854)
MEETING ID: 929 6599 5854

1. MOBBING IN WORK RELATIONS

KĘSTUTIS VITKAUSKAS, JOKŪBAS RANDIS (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

2. RESEARCH ON STUDENTS' ATTITUDES TOWARDS WORKING IN A TEAM

ZITA RUZGIENĖ, ERIKA BUJANAUSKAITĖ (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

3. "STUDENTS, TURN ON YOUR CAMERAS": COMPLICATED ASPECTS OF A SIMPLE REQUEST

GABRIELĖ IVANOVAITĖ (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

4. PRESUMPTIONS TO ENSURE ACADEMIC INTEGRITY IN THE IMPLEMENTATION OF HYBRID STUDIES

GIEDRĖ ADOMAVIČIENĖ (KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES)

5. STUDENT-CENTERED EDUCATION: A COMPARISON BETWEEN KTK AND THE UNIVERSITIES OF CAGLIARI AND KARABŪK

GABRIELE MEREU, ABDALLA ELMAADAWY (UNIVERSITY OF CAGLIARY, KARABUK UNIVERSITY)

