



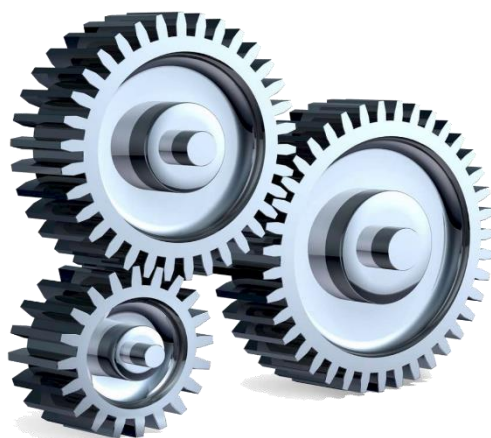
FEDERATION OF THE SCIENTIFIC ENGINEERING UNIONS (FSEU)

XXXIV INTERNATIONAL SCIENTIFIC CONFERENCE

trans & MOTAUTO - 2026 -



XII INTERNATIONAL SCIENTIFIC CONGRESS



INNOVATIONS PROGRAM

ORGANIZER:

SCIENTIFIC-TECHNICAL UNION OF MECHANICAL ENGINEERING

22 – 25.06.2026

VARNA, BULGARIA

TIME SCHEDULE

15.06.2026 – MONDAY

	PUBLICATION OF ALL REPORTS	
17:00	PROCEEDING "International Scientific Conference "trans&MOTAUTO", ISSN 1313-5031 (Print), ISSN 2535-0307(Online)	www.trans-motauto.com/proceedings.html
17:00	PROCEEDING „International Scientific Congress „INNOVATIONS” - ISSN 2603-3763 (Print) ISSN 2603-3771 (Online)	www.innova-eng.eu/proceedings.html

22.06.2026 - MONDAY

16:00 – 20:00	REGISTRATION	IN THE CONGRESS CENTER
---------------	--------------	------------------------

23.06.2026 - TUESDAY

08:00 – 10:00	REGISTRATION	IN THE CONGRESS CENTER
10:00 – 10:15	OPENING OF THE EVENTS	CONFERENCE HALL 1
10:15 – 12:30	PLENARY SESSION	CONFERENCE HALL 1
12:30	COLLECTIVE PICTURES OF THE PARTICIPANTS	ON THE STAIRCASE IN FRONT OF THE HOTEL ENTRANCE
12:30 - 14:00	LUNCH BREAK (NO LUNCH PROVIDED)	
14:00 – 16:00	ORAL PRESENTATIONS Congress „INNOVATIONS”	CONFERENCE HALL 1
14:00 – 16:00	ORAL PRESENTATIONS Conference "trans&MOTAUTO"	CONFERENCE HALL 2
16:00 – 16:30	COFFEE BREAK	ON THE TERRACE OF THE MAIN RESTAURANT
16:30 – 18:00	DISCUSSIONS	

19:30 – 24:00	“WELCOME” COCKTAIL ON THE TERRACE OF THE MAIN RESTAURANT	
---------------	---	--

24.06.2026 - WEDNESDAY

10:00	CLOSING OF THE CONFERENCE AND THE CONGRESS - WINE AND CHEESE PARTY	ON THE TERRACE OF THE MAIN RESTAURANT
-------	--	---------------------------------------

CORRESPONDENT PARTICIPATION

23.06.2026 – TUESDAY

10:00	OPENING OF THE CONFERENCE OPENING OF THE CONGRESS	www.trans-motauto.com www.innova-eng.eu
10:00-16:00	QUESTIONS TO THE AUTHORS OF ALL REPORTS	office@trans-motauto.com office@innova-eng.eu
16:00	PUBLICATION OF ALL QUESTIONS	www.trans-motauto.com www.innova-eng.eu

24.06.2026 - WEDNESDAY

08:00-12:00	ANSWER THE QUESTIONS	office@trans-motauto.com office@innova-eng.eu
12:00	PUBLICATION OF ALL ANSWER	www.trans-motauto.com www.innova-eng.eu
17:00	CLOSING OF THE CONFERENCE	www.trans-motauto.com www.innova-eng.eu

26.06.2026 - THURSDAY

10:00	OPENING OF THE CONFERENCE “INDUSTRY 4.0”	CONFERENCE HALL 1
10:00	OPENING OF THE CONGRESS “AGRICULTURAL MACHINERY 2026”	CONFERENCE HALL 1

SCIENTIFIC PROGRAM

23.06.2026 10:00 – 10:15	OPENING OF THE EVENTS	CONFERENCE HALL
	CHAIRMAN: PROF. D.SC. GEORGI POPOV	

23.06.2026 10:15 – 12:30	<u>PLENARY SESSION</u> CHAIR: PROF. DANIELA NIKOLOVA (USA)	CONFERENCE HALL
-----------------------------	---	-----------------

	ORAL PRESENTATIONS	INNOVATIONS 2026		
1	TRIPOD TYPE PARALLEL ROBOTS MANIPULATORS	Zhumadil Baigunchekov, Damir Zhangabergen, Salawat Kalbiyat Department of Mechanics, Al-Farabi Kazakh National University, Almaty	19	KZ
2	BEYOND TRADITIONAL HEALTHCARE: THE EXPANDING ROLE OF EHEALTH AND TELEMEDICINE IN THE DIGITAL ERA	Martin Čillík ^{1,2*} , Ivan Kuric ² , Miriam Kuricová ¹ National Institute of Endocrinology and Diabetology, Ľubochňa, Slovakia ¹ University of Žilina, Faculty of Mechanical Engineering, Žilina, Slovakia ²	32	SK
3	STUDY OF THE UTILITY PROPERTIES OF SELECTED TYPES OF POLYMER POWDER COATINGS	Dagmar Draganovská, Anna Guzanová ^{1,*} Department of Technology, Materials and Computer Supported Production, Faculty of Mechanical Engineering, Technical University of Košice	11	SK
4	A STUDY OF HYBRID ADHESIVE-MECHANICAL JOINTS BETWEEN METALS AND COMPOSITES FORMED USING THERMAL DRILLING TECHNOLOGY	Anna Guzanová*, Dagmar Draganovská Technical University of Košice,	15	SK
	ORAL PRESENTATIONS	trans & MOTAUTO'26		
5	A NEW PARADIGM FOR ANALYZING THE WORK OF TRANSPORT OPERATORS BASED ON SEMG AND MYOMOTION STUDIES	Iwona Grabarek, Sylwia Bęczkowska, Katarzyna Grzybowska, Zuzanna Zysk Warsaw University of Technology, Faculty of Transport, Poland	09	PL
6	DYNAMIC ANALYSIS OF HOIST ELEVATOR FOR THE CASE OF LOAD LIFTING	Prof. Ilir Doçi, Msc. Drita Abazi University of Prishtina, Faculty of Mechanical Engineering, Prishtina, Kosovo	22	KO
7	USING LASER SURFACE MICROTTEXTURING TO IMPROVE TRIBOLOGICAL PROPERTIES OF SURFACES	Jakub Brezina ¹ , Štefan Novotný ¹ , Janette Brezinová ¹ , Péter Pinke ² Technical University of Košice, Faculty of Mechanical Engineering, Slovakia ¹ Óbudai Egyetem Bánki Donát, Faculty of Mechanical and Safety Engineering, Budapest, Hungary ²	02	SK HU
8	USING AI AGENTS TO CREATE WORK INSTRUCTIONS FOR NDT AND VT PRODUCT INSPECTION IN HEAVY INDUSTRY	Marek Grega, Janette Brezinová Technical University in Kosice	21	SK

12:30	COLLECTIVE PICTURES OF THE PARTICIPANTS	ON THE STAIRCASE IN FRONT OF THE HOTEL ENTRANCE
-------	---	---

12:30 – 14:00	LUNCH BREAK (NO LUNCH PROVIDED)
---------------	---------------------------------

23.06.2026 14:00 – 16:00		ORAL PRESENTATIONS		CONFERENCE HALL 1		
CHAIRMAN: PROF. ANNA GUZANOVÁ (SK)			CO-CHAIR: ASSOC. PROF. VESELINA ALEXANDROVA (BG)			
	INNOVATIONS 2026					
9	MICROSTRUCTURAL AND MECHANICAL PERFORMANCE OF SiO ₂ -REINFORCED NICKEL-BASED NANOCOMPOSITE COATINGS		Regita Bendikiene ^{1,*} , Antanas Ciuplys ¹ , Deyan Veselinov ² , Hristo Skulev ² Kaunas University of Technology, Lithuania ¹ Institute of Metal Science, equipment, and technologies with Center for Hydro- and Aerodynamics “Acad. A. Balevski” at the Bulgarian Academy of Sciences, Varna, Bulgaria ²		10	LT BG
10	DESIGN, IMPLEMENTATION, AND PERFORMANCE ANALYSIS OF A SINGLE-POLE DUAL-AXIS SOLAR TRACKING SYSTEM FOR PHOTOVOLTAIC ENERGY IMPROVEMENT		Shpetim Lajqi, Zgjim Guraziu University of Prishtina, Faculty of Mechanical Engineering, Republic of Kosovo		28	KO
11	BACKDRAFT DAMPER FOR FULLY STOPPING THE BACKFLOW AIR THROUGH VETNTILATION APPLIENCES, INCLUDING LOW POWER FANS		Nikolay Nikolov ¹ , Marieta Nikolova ¹ , Irina Parlady ¹ , Iliana Ivanova ¹ , Georgi Hristov ¹ , Orlin Yordanov ² , Elena Stefanova ² Istok Ltd, Etropole, Bulgaria ¹ Bulgarian Academy of Sciences, Sofia, Bulgaria ²		12	BG
12	VIBRATION-BASED MONITORING OF DMLS Ti-6Al-4V MICRO-MILLING		Michal Demko ^{1,*} , Marek Vrabel ¹ , Jozef Brindza ¹ , Ján Kušnír ¹ , Mario Semkov ² , Mihail Zagorski ² Prototyping and Innovation Centre, Faculty of Mechanical Engineering, Technical University of Košice, Slovakia ¹ R&D&I Consortium, Sofia Tech Park, lab. 3D Creativity and RP of New Products Lab; Technical University of Sofia, Sofia, Bulgaria ²		17	SK BG
13	A COMPARATIVE ANALYSIS OF THE MAIN METHODS OF 3D STEGANOGRAPHY		Veselka Stoyanova ¹ , Veselina Gagamova ² V. Levski, National Military University, Shumen, Bulgaria ¹ Rakovski National Defence College, Sofia, Bulgaria ²		20	BG

16:00 – 16:30	COFFEE BREAK - ON THE TERRACE OF THE MAIN RESTAURANT
---------------	--

16:30 – 18:00	DISCUSSIONS
---------------	-------------

19:30 – 24:00	“WELCOME” COCKTAIL ON THE TERRACE OF THE MAIN RESTAURANT
---------------	--

23.06.2026 14:00 – 16:00		<u>ORAL PRESENTATIONS</u>		CONFERENCE HALL 2	
CHAIRMAN: PROF. ILIR DOÇI (KO)			CO-CHAIR: PROF. JANETTE BREZINOVÁ (SK)		
	trans & MOTAUTO'26				
14	EXPERIMENTAL ANALYSIS OF DIESEL ENGINE PERFORMANCE USING THE INTELLIGENT COMMON RAIL CR/EDC15 INJECTION SYSTEM		Naser Lajqi, Shpetim Lajqi*, Ilir Doçi, Kushtrim Lajqi University of Prishtina / Faculty of Mechanical Engineering, Republic of Kosovo		23 KO

15	EVALUATION OF ADHESIVELY BONDED JOINTS FOR REPAIR OF EXTERIOR AUTOMOTIVE PLASTIC PARTS	Štefan Novotný*, Jakub Brezina, Janette Brezinová Technical University of Košice	19	SK
16	COMPARATIVE THERMO-MECHANICAL SEVERITY ASSESSMENT OF AUTOMOTIVE BRAKE DISCS UNDER REPEATED BRAKING CYCLES	Halil Demolli, Gezim Preniqi, Shkelzen Shabani University of Prishtina	24	KO
17	IMPLEMENTATION OF COMPOSITE MATERIALS INTO THE DESIGN OF AN EXPERIMENTAL VEHICLE FOR THE SHELL ECO-MARATHON COMPETITION	Štefan Kender*, Štefan Novotný Technical University of Košice	18	SK
18	MESH-CONVERGED MODAL PROFILE ASSESSMENT OF FUNCTIONALLY GRADED SPUR GEARS	Shkelzen Shabani*, Halil Demolli University of Prishtina, Faculty of Mechanical Engineering, Prishtina	25	KO

16:00 – 16:30	COFFEE BREAK - ON THE TERRACE OF THE MAIN RESTAURANT
---------------	--

16:30 – 18:00	DISCUSSIONS
---------------	-------------

19:30 – 24:00	“WELCOME” COCKTAIL ON THE TERRACE OF THE MAIN RESTAURANT
---------------	---

INNOVATIONS 2026

23.06.2026 10:15 – 18:30 24.06.2026 09:00 – 12:00		POSTER PRESENTATIONS	CONFERENCE HALL	
19	LOW-NICKEL METASTABLE TRIP STEELS: RELEVANCE OF USE, PROMISING METHODS OF DEFORMATION TREATMENT	Abdrakhman Naizabekov ¹ , Sergey Lezhnev ¹ , Evgeniy Panin ² , Alexandr Arbuz ³ , Dmitry Kuis ⁴ , Fedor Popov ³ , Pavel Tsyba ¹ ¹ Rudny industrial University, Rudny, Kazakhstan ² Karaganda Industrial University, Temirtau, Kazakhstan ³ Nazarbayev University, Astana, Kazakhstan ⁴ Belarusian State Technological University, Minsk, Belarus	01	KZ BY
20	STUDY OF THE WEAR RESISTANCE OF SAMPLES DISPERSELY HARDENED WITH TITANIUM, TUNGSTEN, AND ZIRCONIUM CARBIDES BY CENTRIFUGAL CASTING	Abdrakhman Naizabekov ¹ , Ilya Chumanov ² , Andrey Anikeev ² , Evgeniy Panin ³ , Pavel Tsyba ³ , Alexandr Arbuz ⁴ , Sergey Kuzmin ¹ , Valery Chigirinsky ¹ ¹ Rudny industrial University, Rudny, Kazakhstan ² Zlatoust Branch, South Ural State University (National Research University), Zlatoust, Russia ³ Karaganda Industrial University, Temirtau, Kazakhstan ⁴ Nazarbayev University, Astana, Kazakhstan	02	KZ RU

21	NEW TECHNOLOGY FOR PRODUCING A SCREW REINFORCEMENT PROFILE FROM BAR SCRAP OF FERROUS METALS	Pavel Tsyba ¹ , Valery Chigirinsky ¹ , Sergey Kuzmin ¹ , Maxim Bogachev ¹ , Sergey Lezhnev ¹ , Evgeniy Panin ² ¹ Rudny Industrial Institute, Rudny, Kazakhstan ² Karaganda Industrial University, Temirtau, Kazakhstan	03	KZ
22	A NEW SIGNAL PANEL WITH LED EDGE LIGHTING AND UNIFORM LUMINESCENCE ON BOTH SIDES	Florin-Marian Dobrea ¹ , Miron Zapciu ^{2*} Florin Deca ³ Rodotex Company, Iași, Romania ¹ Academy of Romanian Scientists, Incertrans SA, Romania ² Transport Research Institute – Incertrans SA, Bucharest, Romania ³	04	RO
23	COMPARATIVE TESTS OF SPRAYED CONCRETE, INTENDED FOR REPAIR AND RESTORATION WORKS BY DRY AND WET SPRAYING PART I: PHYSICAL AND MECHANICAL CHARACTERISTICS	Valeriy Naidenov Institute of Mechanics Bulgarian Academy of Science, Sofia	06	BG
24	FEM MODELING OF MICROSTRUCTURE EVOLUTION DURING SINGLE-DRIVE ASYMMETRIC ROLLING OF THICK SHEET IN RELIEF ROLLS	Aibol Esbolat ¹ , Pavel Tsyba ¹ , Dmitry Panin ¹ , Abdrakhman Naizabekov ² , Sergey Lezhnev ² , Nikita Lutchenko ³ , Evgeny Panin ¹ ¹ Karaganda Industrial University, Temirtau, Kazakhstan ² Rudny Industrial University, Rudny, Kazakhstan ³ Nazarbayev University, Astana, Kazakhstan	07	KZ
25	OPTIMIZATION OF NATURAL GAS REFORMING PARAMETERS IN THE MIDREX PROCESS TO INCREASE HYDROGEN YIELD AND REDUCE FUEL CONSUMPTION	Sauytbek Bisenbayev ¹ , Sergey Kuzmin ¹ , Evgeniy Panin ² , Sergey Lezhnev ¹ ¹ Rudny industrial University, Rudny, Kazakhstan ² Karaganda Industrial University, Temirtau, Kazakhstan	08	KZ
26	INNOVATIVE AI MODELLING FOR WETTABILITY CONTROL IN LASER-STRUCTURED FUNCTIONAL SURFACES	Antanas Ciuplys*, Laura Cepauskaite, Regita Bendikiene, Egidijus Katinas Kaunas University of Technology, Kaunas, Lithuania	09	LT
27	INVESTIGATING THE EFFECTIVENESS OF COMPOST AND LIQUID FERTILIZER OBTAINED FROM AN ELECTRO-GENERATIVE COMPOSTER	Rosen Ivanov University of Mining and Geology	13	BG
28	SYNCHRONOUS ELECTRIC MOTOR WITH PERMANENT RARE EARTH MAGNETS AND WITH INCREASED POWER	Georgy Drensky ¹ , Nikolay Pavlov ¹ , Miroslava Yotova ¹ , Milen Peev ¹ , Georgy Parvanov ¹ , A. Stefanov ¹ MMotors Ltd, Etropole, Bulgaria ¹	14	BG
29	THE INFLUENCE OF ENVIRONMENTAL REGULATIONS ON CORPORATE INNOVATION PROCESSES IN SLOVAKIA	Patrik Palášthy, Dominika Popovičová, Renáta Ševčíková Bratislava University of Economics and Business, Bratislava, Slovak Republic	16	SK
30	DIMENSIONAL LIMITATIONS IN THE MANUFACTURE OF TUBULAR FILTER ELEMENTS FROM FLAT POROUS POWDER BLANKS	Aliaksandr Ilyushchanka ^{1,2} , Iryna Charniak ² , Aliaksei Kusin ² , Anastasia Astapenko ² , Margaruta Kuntsevich ² , Ruslan Kusin ² State research and production powder metallurgy association – Minsk, Republic of Belarus ¹ State Scientific Institution “O.V. Roman Powder Metallurgy Institute” – Minsk, Republic of Belarus ²	18	BY

31	TRENDS AND RISKS OF INDUSTRIAL INNOVATION DEVELOPMENT IN THE REPUBLIC OF BELARUS	Cand. econ. sci., Assoc. Prof. Karpovich Viktor Faculty of Marketing, Management and Entrepreneurship – Belarusian National Technical University	21	BY
32	AUTOMATIC QUALITY CONTROL OF BLANKED PARTS BASED ON SEGMENTATION OF SHEAR AND FRACTURE ZONES USING A CONVOLUTIONAL NEURAL NETWORK	Prof. Dr. Tamila Vyacheslav., Prof. Dr. Klubovich Vladimir., Kastsyuchenka Yury, Mantsivoda Hanna. Belarusian National Technical University, Belarus	22	BY
33	THERMAL AND ACOUSTIC INSULATION STUDIES OF COMPOSITE LIME AND LIME-CEMENT PLASTERS BASED ON FOAM GLASS GRANULES AND THERMALLY TREATED RICE HUSKS	Yonka Ivanova ^{1,2,*} , Todor Partalin ³ , Lyuben Lakov ⁴ Sofia University St Kl. Ohridski, Faculty of Physics, Sofia, Bulgaria ¹ Institute of Mechanics-Bulgarian Academy of Science, Sofia, Bulgaria ² Sofia University St Kl. Ohridski, Faculty of Mathematics and Informatics, Sofia, Bulgaria ³ Independent Researcher ⁴	23	BG
34	ADVANCED METAL ADDITIVE MANUFACTURING USING XBEAM 3D METAL PRINTING TECHNOLOGY: PROCESSING, MICROSTRUCTURE, MECHANICAL PERFORMANCE AND EMERGING APPLICATIONS	Vasyl Nevmerzhytskyi ^{1,2} , Dmytro Kovalchuk ^{1,2} , Oleksandr Stasiuk ² , Leontii Tretiakov ¹ , Serhii Taran ³ ¹ JSC 'NVO Chervona Hvyliya', Kyiv, Ukraine ² G. V. Kurdyumov Institute for Metal Physics of the N.A.S. of Ukraine ³ Interregional Academy of Personnel Management: Kyiv, Ukraine	25	UA
35	ANTIMICROBIAL ACTIVITY OF AQUEOUS-ALCOHOLIC EXTRACTS OF WASTE MATERIALS FROM RED SWEET PEPPER, RED HOT PEPPER AND EGGPLANT AGAINST PATHOGENIC MICROORGANISMS. PART I	Petar Gatev ^{1*} , Naiden Delchev ¹ , Iliyan Dobrev ² ¹ Department of Analytical Chemistry and Physicochemistry, University of Food Technologies, Plovdiv, Bulgaria ² Department of Microbiology and biotechnology, University of Food Technologies, Plovdiv, Bulgaria	26	BG
36	ANTIMICROBIAL ACTIVITY OF AQUEOUS-ALCOHOLIC EXTRACTS OF WASTE MATERIALS FROM RED SWEET PEPPER, RED HOT PEPPER AND EGGPLANT AGAINST SPOILAGE MICROORGANISMS. PART 2	Petar Gatev ^{1*} Naiden Delchev ² ^{1*} Department of Analytical Chemistry and Physicochemistry, University of Food Technologies, Plovdiv	27	BG
37	APPLICATION OF ARTIFICIAL INTELLIGENCE IN MECHANICAL ENGINEERING MECHANICS AND FRACTURE MECHANICS WITH AN OVERVIEW OF ANSYS SIMAI PLATFORM	Pejo Konjatić ^{*1} , Ana Konjatić ² , Željko Blavicki ² , Mato Jakus ² University of Slavonski Brod, Croatia ¹ Industrial and Trade School Slavonski Brod, Croatia ²	29	HR
38	FEATURES OF MODELING COMPLEX TWIST DEFORMATION FOR OBTAINING MULTILAYER METAL CORD STRUCTURES	Vyacheslav Tomilo ¹ , Yury Bobarikin ² , Yury Martyanov ² Physical and Technical Institute of the National Academy of Sciences of Belarus, Minsk, Belarus ¹ Sukhoi State Technical University of Gomel, Gomel, Belarus ²	30	BY
39	BIOGAS PRODUCTION FROM ALCOHOLIC STILLAGE	Ivan Angelov, Venko Beschkov, Stefan Stefanov Bulgarian Academy of Sciences – Institute of Chemical Engineering, Sofia, Bulgaria,	31	BG

40	IMPROVING THE DESIGN AND WORKING PROCESS OF A NUT HARVESTER SHAKER	Costantin Zîrnescu, Vasile Pavliuc Technical University of Moldova, Chişinău, Republic of Moldova	33	MD
41	INCREASING THE DURABILITY OF AGRICULTURAL WORKING BODIES BY CREATING NANOSTRUCTURED COATINGS USING PLASMA JET SPRAYING	Corneliu Munteanu ¹ , Iurie Melnic ^{2*} , Bogdan Istrate ¹ , Fabian Cezar Lupu, Vitali Vişanu ² , Constantin Zîrnescu ² , Vladimir Badiul ² ¹ “Gheorghe Asachi” Technical University of Iasi, Iasi, Romania ² Technical University of Moldova, Chişinău, Republic of Moldova	34	RO MD

trans & MOTAUTO'26

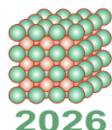
23.06.2026 10:15 – 18:30 24.06.2026 09:00 – 12:00		POSTER PRESENTATIONS	CONFERENCE HALL	
42	DEVELOPMENT OF A METHODOLOGY FOR IMPROVING THE PERFORMANCE OF DIESEL ENGINES USING THE ACOUSTIC EMISSION METHOD	Viktor Prokopenko, Maris Hauka, Juris Gutans, Guntis Strautmanis, Leonid Vinogradov Riga Technical University,	16	LT
43	OPERATION GUIDELINES FOR PROPER ARRANGEMENT OF PUMPS IN THE MARINE STEAM PROPULSION SYSTEM	PhD. Mrzljak Vedran ¹ , Prof. PhD. Prpić-Oršić Jasna ¹ , Prof. PhD. Jelić Maro ² , PhD. Baressi Šegota Sandi ³ ¹ Faculty of Engineering, University of Rijeka, Vukovarska 58, 51000 Rijeka, Croatia ² Maritime Department, University of Dubrovnik, Ćira Carića 4, 20000 Dubrovnik, Croatia ³ Faculty of Informatics, Juraj Dobrila University of Pula, 52100 Pula, Croatia	04	HR
44	TRAFFIC SAFETY IN SERBIA AND AUTOMOTIVE INDUSTRY TODAY	Nataša Tomić-Petrović Faculty of Transport and Traffic Engineering, University of Belgrade	05	RS
45	PROSPECTS FOR THE USE OF LIQUEFIED GAS IN MARINE DIESEL ENGINES	Romanoz Topuria ¹ , Teimuraz Kochadze ¹ , Mikheil Lejava ² , Zaza Shubladze ² , Malxaz Tavdgiridze ² Akaki Tsereteli State University, 59 Tamar Mepe St., Kutaisi 6400, Georgia ¹ Batumi State Maritime Academy, 53 Rustaveli Ave., Batumi 6010, Georgia ²	06	GE
46	APPLICATION POSSIBILITIES OF ULTRASONIC TESTING FOR QUALITY CONTROL OF RESISTANCE SPOT WELDS IN THE AUTOMOTIVE INDUSTRY	Ján Viňáš ^{1,*} , Marie Kolaříková ² , Ladislav Kolařík ² Technical University of Košice, Faculty of Mechanical Engineering, Košice, Slovakia ¹ Czech Technical University in Prague, Faculty of Mechanical Engineering, Prague, Czech Republic ²	08	SK CZ
47	APPLICATION OF SPC STATISTICAL PROCESS CONTROL METHOD AND MEASUREMENT ANALYSIS OF WELDED STEEL COMPONENTS IN THE MOTORCYCLE INDUSTRY	Vid Božič Prade, street VII/4., 6000 Koper, Slovenia	10	SJ

.....

This image shows a full page of a document template. It consists of approximately 30 horizontal dotted lines spaced evenly down the page, providing a guide for handwriting or typing. The lines are light gray and extend across the entire width of the page. There is no text or other content on the page.



XIV INTERNATIONAL SCIENTIFIC CONFERENCE
ENGINEERING. TECHNOLOGIES. EDUCATION. SECURITY 2026
31.08-03.09.2026, VARNA, FRÉDÉRIC JOLIOT-CURIE IHS
www.techtos.net



XII INTERNATIONAL SCIENTIFIC CONFERENCE
MATERIAL SCIENCE.
NONEQUILIBRIUM PHASE TRANSFORMATIONS 2026
31.08-03.09.2026, VARNA, FRÉDÉRIC JOLIOT-CURIE IHS
www.material-science.eu



11TH INTERNATIONAL BAPT CONFERENCE
POWER TRANSMISSIONS 2026
02-05.09.2026, VARNA, FRÉDÉRIC JOLIOT-CURIE IHS
www.bapt.eu



XXIII INTERNATIONAL SCIENTIFIC CONGRESS - SUMMER SESSION
MACHINES. TECHNOLOGIES. MATERIALS 2026
02-05.09.2026, VARNA, FRÉDÉRIC JOLIOT-CURIE IHS
www.mtmcongress.com



XI INTERNATIONAL SCIENTIFIC CONFERENCE
CONSERVING SOILS AND WATER
07-10.12.2026, BOROVELTS, HOTEL ELA
www.conserving-soils.eu



X INTERNATIONAL SCIENTIFIC CONFERENCE
CONFSEC 2026
07-10.12.2026, BOROVELTS, HOTEL ELA
www.confsec.eu



XI INTERNATIONAL SCIENTIFIC CONFERENCE - WINTER SESSION
INDUSTRY 4.0
09-12.12.2026, BOROVELTS, HOTEL ELA
www.industry-4.eu



X INTERNATIONAL SCIENTIFIC CONFERENCE
MATHEMATICAL MODELING
09-12.12.2026, BOROVELTS, HOTEL ELA
www.mathmodel.eu



XII INTERNATIONAL SCIENTIFIC CONFERENCE
HIGH TECHNOLOGIES. BUSINESS. SOCIETY 2027
22-25.03.2027, BOROVELTS, HOTEL ELA
www.hightechsociety.eu



II INTERNATIONAL SCIENTIFIC CONFERENCE
ARTIFICIAL INTELLIGENCE
22-25.03.2027, BOROVELTS, HOTEL ELA
www.conferenceai.eu



XXIV INTERNATIONAL SCIENTIFIC CONGRESS - WINTER SESSION
MACHINES. TECHNOLOGIES. MATERIALS 2027
24-27.03.2027, BOROVELTS, HOTEL ELA
www.mtmcongress.com



XX CONFERENCE FOR YOUNG RESEARCHERS
TECHNICAL SCIENCES. INDUSTRIAL MANAGEMENT 2027
24-27.03.2027, BOROVELTS, HOTEL ELA
www.youngconference.com