

PROGRAM OVERVIEW

OCTOBER RESEARCH CONFERENCE IN SILISTRA

Friday 19 October 2018

09:00 – 10:00	<i>Registration (Room 110 – Silistra)</i>
10:00 – 11:00	<i>Plenary session (Hall 216)</i> <i>Key speaker: Prof. Angel Smrikarov, PhD</i> <i>How to adapt the education system to the digital generation</i>
11:00 – 11:30	<i>Coffee-break</i>
11:30 – 13:00	<i>Parallel scientific events:</i>
FRI-110-1-LLIE(S)	Linguistics; Literature; Issues of Education (Room 110-Silistra)
FRI-216-1-NTS(S)	Natural and Technical Sciences (Room 216- Silistra)

OCTOBER RESEARCH CONFERENCE IN RUSE

Thursday 25 October 2018

14:00-17:00 *Registration - room 1.322*

Friday 26 October 2018

08:30 – 09:00	<i>Registration - room 1.322</i>
09:00 – 11:00	Round table: „Communicology of academic media“- CAM’18, Meeting hall, Main Building
11:00 – 13:30	<i>Plenary session (Hall SIEMENS - 2G.204)</i> Key Speakers:
FRI-2.101-KS-01	Prof. Stefan Dimov , University of Birmingham, United Kingdom <i>Hybrid Manufacturing: Enabling Technologies and Applications</i>
FRI-2.101-KS-02	Todor Dobrev, PhD , University of Derby, United Kingdom <i>Industry 4.0 - Higher Education Perspective</i>
FRI-2.101-KS-03	Assoc. Prof. Radoslav Kyuchukov, PhD , University of Ruse <i>Energetics of Lighting in Time Systems</i>
13:30-14:00	<i>Coffee break</i>
14:00 – 17:30	<i>Parallel scientific events:</i>
FRI-8.121-1-AMT&ASVM	Agricultural Machinery and Technologies & Agrarian Sciences Veterinary Medicine (Room 8.121)
FRI-1.202-1-MR	Maintenance and Reliability (Room 1.202)
FRI-9.3-1-THPE	Thermal, Hydro- and Pneumatic Equipment (Room 9.3)
FRI-9.2-1-EC	Ecology and Conservation (Room 9.2)
FRI-2G.404-1-EM	Economics and Management (Room 2G.404)
FRI-1.417-MEMBT	Mechanical Engineering and Machine-building Technologies (Room 1.417)
FRI-10.326-1-EEEEA	Electrical Engineering, Electronics and Automation (Room 10.326)
FRI-2G.302-1-CSN	Communication Systems and Networks (Room 2G.302)
FRI-2.203-1-TMS	Transport and Machine Science (Room 2.203)
FRI-2.203-2-TMS	Transport and Machine Science (Room 2.203)

FRI-2G.404-1-EM	Economics and Management (Room 2G.404)
FRI-2G.509-1-LCSIPC	Linguistic and Cultural Science, Intercultural and Political Communication (Room 2G.509)
RI-1.405B-1-MIP	Mathematics, Informatics and Physics (Room 1.405B)
FRI-2G.305-1-ERI	Education – Research and Innovations (Room 2G.305)
FRI-2G.405-1-PP	Pedagogy and Psychology (Room 2G.405)
FRI-2G.407-1-HEF	History, Ethnology and Folklore (Room 2G.407)
FRI-2G.307-1-LL	Linguistics and Literature (Room 2G.307)
FRI-2.205-1-AS	Art Science (Room 2.205)
FRI-K.201-1-HP	Health Promotion (Room K.201)
FRI-2.114-1-SW	Social Work (Room 2.114)
FRI-2G.104-1-HC	Health Care (Room 2G.104)
FRI-2B.313-1-L	Law (Room 2B.313)
FRI-2B.311-1-L	Law (Room 2B.311)
FRI-2B.308-1-L	Law (Room 2B.308)
FRI-K1-1-QHE	Quality of Higher Education (Room Kaneff Hall 1)

19:30 *Scientists' Ball ("Kaneff Centre")*

NOVEMBER RESEARCH CONFERENCE IN RAZGRAD

Friday 2 November 2018

09:00 – 13:00 *Registration – Hotel Cartoon (lobby bar)*

11:00 – 17:00

Opening, plenary session

FRI-LCR-KS(R)-01:

Prof. Liviu Gaceu, PhD

Transilvania University of Brasov, Romania

Grape Epicarp Flour Mixes as Functional Ingredient for Bakery Industry

FRI-LCR-KS(R)-02:

Nadezhda Mihaylova, PhD

University of Ruse, Branch Razgrad, Bulgaria

Pharmaceutical Biotechnology Today – Principles, Achievements, Future

14:00 – 17:00

Parallel scientific events:

14:00 – 15:30

Parallel scientific events:

FRI-LCR-1-CT(R)

Chemical Technologies (Room LCR)

15:30 – 17:00

Parallel scientific events:

FRI-LCR-1-BFT(R)

Biotechnologies and Food Technologies (Room LCR)

19:30

Cocktail

Saturday 3 November 2018

09:00 – 13:00

Parallel scientific events:

SAT-LB-P-1-CT(R)

Chemical Technologies (Room LB)

SAT-LB-P-1-BFT(R)

Biotechnologies and Food Technologies (Room LB)

SESSION SCHEDULE

OCTOBER RESEARCH CONFERENCE IN SILISTRA

Friday 19 October 2018

09:00 – 10:00

Registration (Room 110 – Silistra)

10:00 – 11:00

Plenary session (Hall 216)

Key speaker: Prof. Angel Smrikarov, PhD

11:00 – 11:30

Coffee-break

11:30 – 12:30

Parallel Sessions Room 110 - Silistra

FRI-110-1-LLIE(S)

Linguistics; Literature; Issues of Education

Session Chair: Todorka Georgieva

FRI-110-1-LLIE(S)-01:

Doxologies in the Euangelium Didacticum by Constantine of Preslav
Mariya Tomova-Mihneva, Todorka Georgieva

FRI-110-1-LLIE(S)-02:

The Language Use in a Script for Ivan N. Momchilov from 1869
Ivo Bratanov

FRI-110-1-LLIE(S)-03:

Some Problems of Educational Adaptation of Foreign Students in Bulgaria
Ivelina Angelova

FRI-110-1-LLIE(S)-04:

Concepts and Reality in the Novel „Convicted Souls” Imagery Code Function
Rumyana Lebedova

FRI-110-1-LLIE(S)-05:

The Golden Ratio. Word- Music- Light
Snejana Bunardjieva

FRI-110-1-LLIE(S)-06:

Socio-Demographic Determinants of the Quality of Education
Vladislav Dimitrov

FRI-110-1-LLIE(S)-07:

Discovering Language and Speech Pathologies in Pre-School and Primary School Children
Valentina Vasileva, Desislava Stoyanova

11:30 – 13:00

Parallel Sessions Room 216 - Silistra

FRI-216-1-NTS(S)

Natural And Technical Sciences

Session Chair: Milen Sapundzhiev

FRI-216-1-NTS(S)-01:

Inguodidactic Model for Foreign Language Learning with Integration of Computer Technologies
Desislava Baeva

FRI-216-1-NTS(S)-02:

Study of the Fuel Pressure Impact on Injection Initiation by Electromagnetic Injectors CRI1
Valentin Manev, Milen Sapundzhiev

FRI-216-1-NTS(S)-03:

Electric Motors Used in Modern Hybrid and Electric Cars and Development Prospects
Milen Sapundzhiev, Valentin Manev

FRI-216-1-NTS(S)-04:

Creating Knowledge Tests for Mobile Devices
Evgenia Goranova

OCTOBER RESEARCH CONFERENCE IN RUSE

Thursday 25 October 2018

14:00-17:00 *Registration - room 1.322*

Friday 26 October 2018

08:30 – 09:00 *Registration - room 1.322*

09:00 – 11:00 Round table: „Communicology of academic media“- CAM'18, Meeting hall, Main Building

11:00 – 13:30 *Plenary session (Hall SIEMENS - 2G.204)*

Key Speakers:

FRI-2.101-KS-01: **Prof. Stefan Dimov**, University of Birmingham, United Kingdom
Hybrid Manufacturing: Enabling Technologies and Applications

FRI-2.101-KS-02: **Todor Dobrev, PhD**, University of Derby, United Kingdom
Industry 4.0 - Higher Education Perspective

FRI-2.101-KS-03: **Assoc. Prof. Radoslav Kyuchukov, PhD**, University of Ruse
Energetics of Lighting in Time Systems

13:30-14:00 *Coffee Break*

14:00 – 17:30 *Parallel Sessions Room 8.121*

FRI-8.121-1-AMT&ASVM **Agricultural Machinery and Technologies and Agrarian Sciences
Veterinary Medicine**
Session Chair: Atanas Atanasov

FRI-8.121-1-AMT&ASVM-01: Study of Vibrations Caused by Rotary Movement of Electric Motor
Radko Mihaylov, Vladimir Demirev

FRI-8.121-1-AMT&ASVM-02: Mechanization of Small Family Farms in Poland
Edmund Lorencowicz, Jacek Uziak

FRI-8.121-1-AMT&ASVM-03: Study Concerning the Effectiveness of Some Soil Herbicides to Wheat Variety "Venka 1"
Svetlana Stoyanova

FRI-8.121-1-AMT&ASVM-04: Effect of Herbicides on Yield and Structural Elements of Extraction in Hybrid Rs 464 and Parental Components
Dimitriya Ilieva, Svetlana Stoyanova

FRI-8.121-1-AMT&ASVM-05: Possibilities for Cultivation of Spring Forage Pea (*Pisum Sativum* L.) Cv. "Kerpo" for Forage Production in Change of Main Technological Factors
Todor Kertikov, Atanas Atanasov, Daniela Kertikova

FRI-8.121-1-AMT&ASVM-06: Biochemical Characteristics of Spring Forage Pea (*Pisum Sativum* L.) Cv. "Kerpo" Depending on the Technology of Cultivation
Todor Kertikov, Atanas Atanasov, Anna Ilieva, Daniela Kertikova

FRI-8.121-1-AMT&ASVM-07: About Informed Choice of Machinery for Field Crop Growing
Valery Spiridonov

FRI-8.121-1-AMT&ASVM-08: About Selection of Tractor's Trailer for Linked Processes in Field Husbandry
Chavdar Vezirov, Atanas Atanasov

FRI-8.121-1-AMT&ASVM-09: Influence of Water Erosion Processes and Application of Soil Erosion Control Technologies on Sediment Enrichment Ratio
Gergana Kuncheva, Petar Dimitrov

FRI-8.121-1-AMT&ASVM-10: Influence of Water Erosion and Different Tillage Systems for Growing Corn on Sloping Agricultural Lands on the Loss of Available Forms of Phosphorus and Potassium from the Soil
Gergana Kuncheva, Petar Dimitrov, Hristo Beloev

- FRI-8.121-1-AMT&ASVM-11: Methodology for Technical and Economic Assessment of Soil Protection Technologies for Growing Crops on Sloping Agricultural Lands
Violeta Andreeva
- FRI-8.121-1-AMT&ASVM-12: Experimental Research on the Implementation of the Operating and Construction Parameters of a Chain Trencher in Wind Soils in Vietnam
Doan Dinh Diep, Dau The Nhu, Hristo Beloev
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14:00 – 17:30

Parallel Sessions Room 2.202

FRI-1.202-1-MR

Maintenance and Reliability
Session Chair: Mitko Nikolov

FRI-1.202-1-MR-01:

Study of the State of Maintenance Shops for Agricultural Machinery in Northern Bulgaria
Daniel Bekana, Krasimir Radev, Vladislav Ivanov

FRI-1.202-1-MR-02:

Investigating the Unevenness of the Brake System of Cars
Daniel Bekana, Aleksandar Asenov, Kaloyan Nikolaev

FRI-1.202-1-MR-03:

Determination of the Degree of Influence of Basic Structural Parameters on the Change of the Iec Technical and Economic Characteristics
Evgeni Enchev, Todor Delikostov, Veselin Rusinov

FRI-1.202-1-MR-04:

Effective Maintenance of Agricultural Machinery
Mitko Nikolov, Vasil Stoynov, Plamen Kangalov, Jordan Valchev

14:00 – 17:30

Parallel Sessions Room 9.3

FRI-9.3-1-THPE

Thermal, Hydro- and Pneumatic Equipment
Session Chair: Gencho Popov

FRI-9.3-1-THPE-01:

The Porous Foam Dust Collector
Alexander Genbach, Kudaybergen Shokolakov, Iliya K.Iliev

FRI-9.3-1-THPE-02:

Application of the Stirling Engine for Creating Autonomous Sources of Heat and Electrical Supply
Musabekov Rasulbek, Adilbekov Askar

FRI-9.3-1-THPE-03:

Bimit Thermal Fluxes and Thermal Stresses in Porous Coatings of a Heat-Energy Installation
Alexander A. Genbach, David Yu. Bondarcev, Iliya K. Iliev

FRI-9.3-1-THPE-04:

Design of Fuzzy Self-Tuning Pid Controller for Electrohydraulic System
Krasimir Ormandzhiev

FRI-9.3-1-THPE-05:

Numerical Modeling of the Heat Transfer Process at Movement of Air in Tube
Zhivko Kolev, Plamen Mushakov, Pencho Zlatev

FRI-9.3-1-THPE-06:

Analytical Investigation on the Operational Characteristics of a Heat Exchanger with Thermosyphons
Veselka Kamburova, Svetla Baeva

FRI-9.3-1-THPE-07:

Research for the Possibilities and Areas for the Application of Hydrostatic Transmissions for the Transmission of Energy from the Propeller to the Electro Generator of the Wind Turbines
Ilcho Ivanov Angelov, Petko Kyorgogov

FRI-9.3-1-THPE-08:

Investigation of Robust Stability of Electro-Hydraulic Control Module for Hydraulic Steering System with Linear-Quadratic Regulator
Alexander Mitov, Tsonyo Slavov, Jordan Kravev, Ilcho Angelov

FRI-9.3-1-THPE-09:

Cfd Analysis for Cavitation Flow Through a Converging-Diverging Nozzle
Georgi Panchev, Hristo Hristov

FRI-9.3-1-THPE-10:

Research Regarding the Pyrolysis of Poultry Waste as an Alternative for its Use in Energy Production
Gheorghe Lăzăroiu, Lucian Mihăescu, Ionel Pișă, Viorel Berbece, Gabriel Negreanu

- FRI-9.3-1-THPE-11: Particulate Matter Measurements in Indoor Air
Tsvetelina Petrova, Ognyan Sandov, Iliyana Naydenova, Rositsa Velichkova, Iskra Simova
- FRI-9.3-1-THPE-12: Performance Assessment of Sorption Regenerator for Dehumidification in Air Handling Unit
Yordan Penev, Pencho Zlatev, Valentin Bobilov
- FRI-9.3-1-THPE-13: Analytical Presentation of the Dimensionless Characteristics of Centrifugal Fans
Gencho Popov, Kliment Klimentov, Boris Kostov, Alexandar Bozhinov
- FRI-9.3-1-THPE-14: Technical – Economical Analysis of the Air Heater When Switching Coal from Natural Gas
Emilian Velkov, Iliya Iliev, Angel Terziev, Milen Venev
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14:00 – 17:30

Parallel Sessions Room 9.2

FRI-9.2-1-EC

Ecology and Conservation

Session Chair: Lyubomir Vladimirov

- FRI-9.2-1-EC-01: Development of a New Precise and Sensitive Analytical Method for Quercetin Quantification
Zvezdelina Yaneva
- FRI-9.2-1-EC-02: Influence of Artificial Light on Tomato Productivity in Greenhouse Conditions in South East Kazakhstan
Indira Belgitayeva, Kussainova Gulzhan
- FRI-9.2-1-EC-03: Environmental Impact of the Noise, Generated from Two Centrifugal Pumps, Operating in Parallel – Statistical Approach of the Levels Distribution
Nikolay Kovachev
- FRI-9.2-1-EC-04: The Feasibility of Growing Tomatoes in the Crossing Turnover in the Greenhouses of South East Kazakhstan
Indira Belgitayeva, Kussainova Gulzhan
- FRI-9.2-1-EC-05: Innovative Methods and Technology for Derivation of Carbohydrate-Silicone Containing Materials from Waste Biomass
Simeon Borisov, Plamen Manev
- FRI-9.2-1-EC-06: Riskmetrics to Environmental Protection
Lyubomir Vladimirov
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14:00 – 17:30

Parallel Sessions Room 1.417

FRI-1.417-1-MEMBT

Mechanical Engineering and Machine-Building Technologies

Session Chair: Ivan Loukanov

- FRI-1.417-1-MEMBT-01: Vibration Steering of Vibration-Driven Mobile Robot
Ivan Loukanov, Venko Vitliemov, Ivelin Ivanov, Velina Bozduganova
- FRI-1.417-1-MEMBT-02: Overview of the Feasibility of Simulating Welding Processes Using the Finite Element Method
Ivo Draganov, Yulian Angelov, Stiliyana Mileva
- FRI-1.417-1-MEMBT-03: Dissolution and Mechanical Properties of 3d Printed Polylactic Acid for Bio-Implants
Mariana Ilieva, Dimitar Kamarinchev, Danail Godpodinov, Ekaterin Minev, Emil Yankov, Roussi Minev
- FRI-1.417-1-MEMBT-04: Influence of the Variable Character of Anisotropy on the Hardening Curves in Hydraulic Bulging Test of Copper Sheet
Emil Yankov
- FRI-1.417-1-MEMBT-05: Models for Investigating Nonlinearity Errors of Static Characteristics
Dimitar Dichev, Fotini Kogia, Hristo Hristov, Tsanko Karadzhov
- FRI-1.417-1-MEMBT-06: Energy Consumption and Energy Efficiency of Machine Tools – an Overview

FRI-1.417-1-MEMBT-07:	Krasimir Ivanov, Borislav Tonkovski About the Information Assurance of Technological Processes by Machining Parts
FRI-1.417-1-MEMBT-08:	Svetlana Koleva, Milko Enchev, Emil Belyov Problems During Highly Productive Complex Quality Assessment of Objects
FRI-1.417-1-MEMBT-09:	Deniz Chakar, Tihomir Todorov Examination of Crane Booms About Their Propensity for Vibration in Mechanical Machining
FRI-1.417-1-MEMBT-10:	Nikolay Nikolov Experimental Setup and Preliminary Research of the 3d Touch Probe When Working on a Touch Signal
	Valentin Mihov

14:00 – 17:30

Parallel Sessions Room 10.326

FRI-10.326-1-EEEE

Electrical Engineering, Electronics and Automation
Session Chair: Prof. Plamen Daskalov, Phd

FRI-10.326-1-EEEE-01:	Characterization of the Total Harmonic Distortion Factor in Marine Power Systems Vasile Dobreff, Florentiu Deliu, Petrică Popov
FRI-10.326-1-EEEE-02:	Spectral Analysis of the Bipolar Power Supply of a Mobile Integrating Equipment for Measuring Forces and Torques with Strain Gauges Sensors Svilen Stoyanov
FRI-10.326-1-EEEE-03:	A Research of the Relation Between Main Chemical Elements and Soil Properties Nadezhda Paskova, Tsvetelina Georgieva, Plamen Daskalov
FRI-10.326-1-EEEE-04:	A Review of Methods for Determination of Chemical Elements in Plants Nadezhda Paskova
FRI-10.326-1-EEEE-05:	Study on the Higher Harmonics in Commercial Facilities Lyudmul Michailov, Tsvetan Naumov
FRI-10.326-1-EEEE-06:	Information Package for Electricity Quality Control in Type Modul of Electricity Distribution Grids Tsvetan Naumov
FRI-10.326-1-EEEE-07:	Current Status and Future Directions of Renewable Energy Use in Afghanistan Najmuddin Noorzad, Nicolay Mihailov
FRI-10.326-1-EEEE-08:	Methods for Assessing the Quality and Freshness of Meat and Dairy Products Ioanna Angelova
FRI-10.326-1-EEEE-09:	Maximum Power Point Tracking for Photovoltaic System Penko Binkov, Seher Kadirova
FRI-10.326-1-EEEE-10:	Design of Direct Alternating Current Driver System for Decrease of Flicker Index Denis Sami, Seher Kadirova, Oznur Sanatsever
FRI-10.326-1-EEEE-11:	Web-Based System for Control of Environment Parameters Ivan Evstatiev, Seher Kadirova, Nikolay Kamenov, Miroslava Hristova

14:00 – 17:30

Parallel Sessions Room 2G.302

FRI-2G.302-1-CSN

Communication Systems and Networks
Session Chair: Prof. Mihail Iliev, Dsc

FRI-2G.302-1-CSN-01:	Optimization and Studies of a Quadrature Generator Boyan Karapenev
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- FRI-2G.302-1-CSN-02: Determination of the Membership of Teletraffic Parameters of Markov Chains by Neuro-Fuzzy Classifier
Mihail Iliev, Ivelina Balabanova, Georgi Georgiev
- FRI-2G.302-1-CSN-03: Synthesis of Neuron Models for Prediction of Traffic Parameters of Markov Chain M/M/C/K
Georgi Georgiev
- FRI-2G.302-1-CSN-04: Regression Models for Prediction of Parameters of Teletraffic System M/M/1/K
Mihail Iliev, Ivelina Balabanova, Georgi Georgiev
- FRI-2G.302-1-CSN-05: Use of Unmanned Aerial Vehicles for Photogrammetric Data Gathering and Digital 3D Reconstruction of Archaeological Excavation Sites
Georgi Hristov, Plamen Zahariev, Diyana Kinaneva, Ivanka Tsvetkova, Jordan Raychev
- FRI-2G.302-1-CSN-06: Comparative Analysis of Technologies for 3D Laser Scanning of Objects
Ivanka Tsvetkova, Plamen Zahariev, Georgi Hristov
- FRI-2G.302-1-CSN-07: A Solution for Early Forest Fire Detection Using Aircraft Platform and Neural Network Computing Engine
Diyana Kinaneva, Jordan Raychev, Georgi Hristov, Plamen Zahariev, Ivanka Tsvetkova
- FRI-2G.302-1-CSN-08: Observation and Analysis of Remote Forest Areas and Early Forest Fire Detection Using Drones
Georgi Hristov, Plamen Zahariev, Jordan Raychev, Diyana Kinaneva, Todor Gechev
- FRI-2G.302-1-CSN-09: A Methodology for Environmental and Air Quality Monitoring Using Lorawan Sensor Platforms
Georgi Hristov, Plamen Zahariev, Jordan Raychev, Diyana Kinaneva, Ivan Mihov
- FRI-2G.302-1-CSN-10: Conceptual Model of a Hardware Platform for Development of Complete Solutions for Home Automation
Georgi Hristov, Plamen Zahariev, Todor Gechev, Ivan Mihov
- FRI-2G.302-1-CSN-11: A Comparative Analysis of Software Defined Networking Controllers
Jordan Raychev
- FRI-2G.302-1-CSN-12: Analysis of Different Antenna Types for Wireless Communications Using a Laboratory Testbed
Ivanka Tsvetkova, Plamen Zahariev
- FRI-2G.302-1-CSN-13: Development and Evaluation of an Urban Concept Vehicle Powered by Alternative Fuel Source
Georgi Hristov, Plamen Zahariev, Jordan Raychev, Diyana Kinaneva, Ivanka Tsvetkova
- FRI-2G.302-1-CSN-14: Overview of the Blockchain Technologies and Their Use in the Telecommunication Systems and Processes
Plamen Zahariev, Jordan Raychev, Diyana Kinaneva
- FRI-2G.302-1-CSN-15: Big Data Lifecycle in Modern Web Systems
Svetalana Stefanova, Iliya Draganov

14:00 – 16:00

Parallel Sessions Room 2.203

FRI-2.203-1-TMS

Transport and Machine Science

Session Chair: Emilian Stankov

FRI-2.203-1-TMS-01:

Opportunities for Work and Distribution of Technical Documentation in Small Machine-Building Companies

Yuliyen Dimitrov

FRI-2.203-1-TMS-02:

Methods for Calculating Power Losses in Worm Gear Drives

Vasko Dobrev, Yuliyen Dimitrov

FRI-2.203-1-TMS-03:

Methods for Experimental Research of Worm Gear Drives

- Vasko Dobrev, Yuliyana Dimitrov**
FRI-2.203-1-TMS-04: Differences in Calculations of Involute Gear Trains in Three Main Standards
- Gergana Mollova, Antoaneta Dobрева**
FRI-2.203-1-TMS-05: Study the Fatigue Strength of Welded Suspension for a Electromobile Prototype
- Ivo Draganov, Stiliyana Mileva**
FRI-2.203-1-TMS-06: Design and Study of Electromobile Prototype by Catia V5
- Emil Mitev, Simeon Iliev, Dancho Gunev**
FRI-2.203-1-TMS-07: Equipment of a Diesel Engine Working with Gas Fuel Additives
- Krasimir Bogdanov, Radostin Dimitrov, Daniel Kostadinov**
FRI-2.203-1-TMS-08: System for Regulating the Composition of Biogas Used as Fuel for Internal Combustion Engines
- Zdravko Ivanov, Radostin Dimitrov, Veselin Mihaylov, Delyan Petkov**
FRI-2.203-1-TMS-09: Performance of 100% Electric Car Renault ZOE in of Real Driving Condition Operation
- Borislav Penchev, Trifon Uzuntonev**
FRI-2.203-1-TMS-10: Experimental Study of the Influence of the Electrohydraulic Injector Control Valve's Stroke Over the Performance Characteristics of a Diesel Engine
- Nikolay Yordanov, Emilian Stankov, Kiril Xadjiev**
FRI-2.203-1-TMS-11: Application of the "Growth Factor" Model for Projecting Passengers in a City Route Line
- Mirena Todorova, Silvia Assenova**
FRI-2.203-1-TMS-12: Assessment and Analysis of the Organization of the Trolleybus Movement
- Alexander Tsekov**
FRI-2.203-1-TMS-13: Territorial Peculiarities on Road Transport Accidents in the Republic Bulgaria
- Velizara Pentcheva, Asen Asenov, Stanimir Penev**
FRI-2.203-1-TMS-14: Study of the Organization of Regular Groupages as Part of Integrated Supply in the Conditions of 3PL Operator
- Ivan Petrov, Velizara Pentcheva, Asen Asenov**
FRI-2.203-1-TMS-15: Main Issues and Perspectives for the Development of Urban Transport
- Velizara Pentcheva, Asen Asenov, Ivan Georgiev, Aleksander Sladkowski**

16:30 – 18:30

Parallel Sessions Room 2.203

FRI-2.203-2-TMS

Transport and Machine Science

Session Chair: Asen Asenov

- FRI-2.203-2-TMS-01: Collision Speed Estimation Using a Different Mathematical Models
Daniel Lyubenov, Svilen Kostadinov, Filip Kirilov
- FRI-2.203-2-TMS-02: Comparative Analysis of the Methods for Determining of the Values of Damages to Vehicles in Road Traffic Accidents
Svilen Kostadinov, Daniel Lyubenov, Toncho Balbuzanov
- FRI-2.203-2-TMS-03: Improving the Safety of Vulnerable Road Users
Toncho Balbuzanov, Daniel Lyubenov, Svilen Kostadinov
- FRI-2.203-2-TMS-04: A Study of the Driving License Exams in Ruse District to Improve Road Traffic Safety
Polina Atanasova, Daniel Lyubenov
- FRI-2.203-2-TMS-05: Analysis and Assessment of the Conditions for Transportation of Dangerous Goods Along the Danube as Part of a Multimodal Scheme
Kamen Ivanov, Asen Asenov, Stanimir Penev

- FRI-2.203-2-TMS-06: Optimizing Time to Transport Transit Loads in a Multimodal Scheme Between the Sea and River Ports with Automobile Transport
Boril Ivanov, Asen Asenov, Velizara Pentcheva
- FRI-2.203-2-TMS-07: Influence of Risky Driving a Vehicle on Driver's Condition
Dimitar Grozev
- FRI-2.203-2-TMS-08: Study and Analysis of New Universal Learning Training Models in the European Union
Nikolay Paunov, Velizara Pentcheva, Asen Asenov
- FRI-2.203-2-TMS-09: A Study of Motorcycle Acceleration in Real Traffic Flow
Filip Kirilov, Daniel Lyubenov
- FRI-2.203-2-TMS-10: A Study of Bicycle Travel Speed
Ivo Balevski, Daniel Lyubenov
- FRI-2.203-2-TMS-11: The Organization of the Work of Taxi Cars, Working with Mobile Application in "Happy" Company in Ruse
Dimitar Grozev
- FRI-2.203-2-TMS-12: Investigation and Modeling of Road Traffic in the Area of Intersections in Ruse
Pavel Stoyanov
- FRI-2.203-2-TMS-13: Research on the Organization of Urban Passenger Transport in Ruse
Rositsa Angelova
- FRI-2.203-2-TMS-14: The Impact of Urban Passenger Transport to the Environment Is Assessed
Rositsa Angelova, Velizara Pencheva, Dimitar Grozev, Pavel Stoyanov
- FRI-2.203-2-TMS-15: Analysis of the Transport Work in the Company "ACT LOGISTIC"
Dimitar Grozev, Mihail Milchev

14:00 – 17:30

Parallel Sessions Room 2G.404

FRI-2G.404-1-EM

Economics and Management

Session Chair: Milena Kirova

- FRI-2G.404-1-EM-01: Analysis of the Innovation Activity and Protection of the Innovative Products Through Intellectual Property Rights at the Small Bulgarian Businesses
Neli Rasheva, Daniel Pavlov
- FRI-2G.404-1-EM-02: Foreign Direct Investment – Importance, Main Changes and Trends
Anzhela Petrova
- FRI-2G.404-1-EM-03: Models for the Development of Agricultural Cooperation in Bulgaria
Mihail Bilev
- FRI-2G.404-1-EM-04: Bulgarian Markets for High Nature Value Products
Lyubomir Lyubenov
- FRI-2G.404-1-EM-05: Leasing Market of Agricultural Engineering in Bulgaria
Seraozha Kosev
- FRI-2G.404-1-EM-06: Practical Aspects of Innovative Leasing in Agribusiness
Seraozha Kosev
- FRI-2G.404-1-EM-07: Public Spending and its Impact on Gross Domestic Product (GDP)
Kamelia Asenova
- FRI-2G.404-1-EM-08: Theoretical Aspects of the Impact of Conflicts on Employee Motivation
Svilena Ruskova, Ivalina Ruseva
- FRI-2G.404-1-EM-09: Methodology for Initiating a Public-Private Partnership with a Higher Education Institution
Diana Avramova, Daniel Pavlov
- FRI-2G.404-1-EM-10: Management Decisions Related to the Depreciation of Budget Organizations
Bozhana Stoycheva

FRI-2G.404-1-EM-11:	Methodological Approach for Internal Assessment of Influential Factors on the Innovation Activity of an Industrial Enterprise Svilen Kunev, Irina Kostadinova, Galina Angelova
FRI-2G.404-1-EM-12:	Decreased Motivation in the Health Sector - Reasons, Effects and Possible Solutions Svilena Ruskova, Antoaneta Yabanozova
FRI-2G.404-1-EM-13	Trends and the Main Issues of the Bulgarian Textile Industry: The Role of Internal Branding to Increase the Engagement and Motivation of the Human Resources Irena Milkova Kenarova-Pencheva
FRI-2G.404-1-EM-14	Analysis of Results from Survey Report on Social Responsibility's Learning Needs Irina Kostadinova, Svilen Kunev
FRI-2G.404-1-EM-15	A Concept for Quadra-Helix Collaboration for Stimulating Transregional Development Saad Abdullah Alanssari, Svilen Kunev

14:00 – 17:30

Parallel Sessions Room 2G.509

FRI-2G.509-1-LCSIPC

Linguistic and Cultural Science, Intercultural and Political Communication

Session Chair: Yuliana Popova

FRI-2G.509-1-LCSIPC-01:

Biblical Idioms in Contemporary Discourse

Diana Stefanova

FRI-2G.509-1-LCSIPC-02:

Dimensions of Cultural Variability Among Local Communities in the Town of Ruse (1878-1920 Years)

Lilyana Slavianova, Rozalina Bozhilova-Kounecheva

14:00 – 17:30

Parallel Sessions Room 1.405B

FRI-1.405B-1-MIP

Mathematics, Informatics and Physics

Session Chair: Magdalena Andreeva

FRI-1.405B-1-MIP-01:

Network Risks in Markov Decision Processes

Vassil Sgurev, Stanislav Drangajov

FRI-1.405B-1-MIP-02:

Extremal Problems for the Circles Inscribed in a Given Semicircle or in a Given Segment

Todor Mitev

14:00 – 17:30

Parallel Sessions Room 2G.305

FRI-2G.305-1-ERI

Education – Research and Innovations

Session Chair: Ion Mierlus-Mazilu

FRI-2G.305-1-ERI-01:

Students and Digital Mathematics Teaching

Ion Mierlus-Mazilu, Emiliya Velikova, Ralitsa Vasileva-Ivanova

FRI-2G.305-1-ERI-02:

About the STEM Education

Emiliya Velikova, Ion Mierlus-Mazilu, Ralitsa Vasileva-Ivanova

FRI-2G.305-1-ERI-03:

Problem Solving Model in Mathematics

Desislava Georgieva, Emiliya Velikova, Ralitsa Vasileva-Ivanova

FRI-2G.305-1-ERI-04:

Creative Out-of-Class Work in a Team - Complete Learning: Open, Adaptive, Mobile

Velislava Doneva, Niya Peneva

FRI-2G.305-1-ERI-05:

Apprenticeship Cluster in Mechanical Engineering and Mechatronics

Irena Rashkova, Tsvetelina Petrova

FRI-2G.305-1-ERI-06:

Using of the Mathematical Software GEOGEBRA for Solving the Stereometrical TASKS in Education of Mathematics

Ivanka Mincheva, Zhorzheta Angelova

- FRI-2G.305-1-ERI-07: On the Synthesis in the Cognition and Building of Interdisciplinary in the Training Process
Boryana Todorova
- FRI-2G.305-1-ERI-08: Practical Activities in the Vth Grade Mathematics Education
Antoaneta Mihova
-

14:00 – 17:30

Parallel Sessions Room 2G.405

FRI-2G.405-1-PP

Pedagogy and Psychology

Session Chair: Bagryana Ilieva, Lora Radoslavova

- FRI-2G.405-1-PP-01: On the Subject of Educational Psychology
Stoyko Vanchev Ivanov
- FRI-2G.405-1-PP-02: Individual Psychological Characteristics and the Cinema Preferences of the Modern Viewer
Nelly Koleva
- FRI-2G.405-1-PP-03: Nature and Specificities of Child Development in the Context of Pedology
Petya Cheshmedzhieva
- FRI-2G.405-1-PP-04: Logopedical Prevention and Diagnostics of Communicable Disorders in Children in Pre-School and Primary School Education
Valentina Vasileva, Desislava Stoyanova
- FRI-2G.405-1-PP-05: Interdisciplinarity in the Study of the Air Concept in the Context of the United Cognition
Boryana Todorova, Zlatina Angelova
- FRI-2G.405-1-PP-06: Teacher Views About Establishment and Functionality of the System of Professional Development of Teachers in Republic of Macedonia
Sonja Petrovska, Despina Sivevska, Jadranka Runceva
- FRI-2G.405-1-PP-07: Requirements for Teacher Education in Vocational Education and Training
Katerina Petrusheva, Biljana Popeska, Snezana Jovanova – Mitkovska
- FRI-2G.405-1-PP-08: Levels of Motivational Willingness of the Students Second Year of Majoring Physical Education and Sports at Sofia University St. Kliment Ohridski
Iliana Petkova, Georgi Ignatov
- FRI-2G.405-1-PP-09: Swot Analysis in Physical Education for Promotion of Movement Activity of Students
Iskra Ilieva
- FRI-2G.405-1-PP-10: Management Structures in University Sport
Snezana Jovanova – Mitkovska, Biljana Popeska, Trajco Dimkov, Katerina Mitevska – Petrusheva
- FRI-2G.405-1-PP-11: Study of Students Weightlifters' Attitudes Towards "Language Through Sport" Method of Teaching
Eleonora Mileva, Nely Yankova, Valentin Panajotov, Vesela Slavova
- FRI-2G.405-1-PP-12: Application of the Variable Intensity in Boxing
Evtim Lefterov
- FRI-2G.405-1-PP-13: Some Sociological Aspects of Kung Fu
Albena Dimitrova
- FRI-2G.405-1-PP-14: Increasing Self-Humanity, Activity, Settlement and Psychic Stability of Pupils Resulting from Kung Fu Training
Vasil Dimitrov
- FRI-2G.405-1-PP-15: Gender Specific in the Aggressive Behavior of Women
Denitsa Alipieva
-

14:00 – 17:30

Parallel Sessions Room 2G.407

FRI-2G.407-1-HEF

History, Ethnology and Folklore

Session Chair: Lyubomir Zlatev

- FRI-2G.407-1-HEF-01: The Temporary Russian Government in the Memories of Evgeniye Utin
Emil Indzhov
- FRI-2G.407-1-HEF-02: The Position of the Ruse Chamber of Commerce and Industry for the Conclusion of a Trade Contract with Austria-Hungary
Kremena Todorova, Lyubomir Zlatev
- FRI-2G.407-1-HEF-03: Kindergartens in Ruse Between the Two World Wars
Polya Cherneva
-

14:00 – 17:30

Parallel Sessions Room 2G.307

FRI-2G.307-1-LL

Linguistics, Literature

Session Chair: Mira Dushkova

FRI-2G.307-1-LL-01:

The Language Use in Two Literary Texts by Stoyan Robovsky
Ivo Bratanov

FRI-2G.307-1-LL-02:

“The Bulgarian in Prison” – a Forgotten Polish Poem from 1877
Kamen Rikev

FRI-2G.307-1-LL-03:

The Meaning of the Labyrinth in One Text by Stoyan Robovsky
Zvezdelina Bratanova

FRI-2G.307-1-LL-04:

Poette and Others
Ivaylo Dimitrov

FRI-2G.307-1-LL-05:

The Personality of Academician Mikhail Arnaudov in the Context of the Ten Arnaudov Readings
Nikola Benin, Iliyana Benina

14:00 – 17:30

Parallel Sessions Room 2.205

FRI-2.205-1-AS

Art Science

Session Chair: Petya Stefanova

FRI-2.205-1-AS-01:

Introduction to Music Theory – a System for Basic Music Knowledge
Nikolay Gradev

FRI-2.205-1-AS-02:

Enrichment of Children’s Creative Potencial Through Music Games
Petya Stefanova

FRI-2.205-1-AS-03:

A Musical Experiment – Writing a Five-Voiced Triple Compound Fugue with Retrograde Counterpoint
Sabin Levi

FRI-2.205-1-AS-04:

Sound Absorption
Pavel Stefanov

14:00 – 17:30

Parallel Sessions Room K.201

FRI-K.201-1-HP

Health Promotion

Session Chair: Stefka Mindova, Moderator: Denitsa Vasileva

FRI-K.201-1-HP-01:

A Serious Trauma on a Woman at the Age of 21. She is Actually 47 Now with Big Walking Difficulty Even Using Codivilla Springs. She Has Been Treated with B.A.E. Method for Ten and a Half Months
Tiziano Pacini, Elisabetta De Juliis, Andrea Pacini, Loredana Granata

FRI-K.201-1-HP-02:

A Case of Scoliosis in a 20 Year- Old Woman Person Reports Headache, Panic Crisis and Some Rare Back Pain. Person Wore an Orthopedic Corset at the Age of 10 for a Year. Treated with B.A.E. Method: Controlled After Eight Months
Tiziano Pacini, Elisabetta De Juliis, Andrea Pacini, Loredana Granata

FRI-K.201-1-HP-03:

Biogenic Amines in Meat Produkts – Health Consequence and Legislation
Daniela Mitreva, Elka Toseva

FRI-K.201-1-HP-04:

Parents' Awareness of the Impact of the Traffic-Related Urban Air Pollution on Children's Health

	Tanya Turnovska, Slaveya Petrova, Iliana Velcheva, Stanislava Harizanova, Elka Toseva
FRI-K.201-1-HP-05:	Contemporary Aspects of Kinesitherapy in Parkinson's Disease Aleksandar Andreev, Yuliana Pashkunova, Kiril Panayotov
FRI-K.201-1-HP-06:	Massage Applied in Bell's Palsy Yuliana Pashkunova, Alexandar Andreev
FRI-K.201-1-HP-07:	Assessment Tools OF the Activities of Daily Living in Pediatric Occupational Therapy Elitsa Velikova, Petya Mincheva
FRI-K.201-1-HP-08:	Aspets of Occupational Therapy Assessment in Neurorehabilitation Petya Mincheva, Elitsa Velikova
FRI-K.201-1-HP-09:	Tools to Assessing Rehabilitation After Stroke Ivelina Stefanova
FRI-K.201-1-HP-10:	Neurodynamic Tests for Functional Examination of the Sciatic Nerve Radoslava Deleva, Petya Parashkevova
FRI-K.201-1-HP-11:	Telemedicine in the Context of Low-Budget Healthcare Konstantin Georgiev, Dimitar Stavrev, Georgi Kukushev, Vencislav Cvetkov, Cristo Bozov, Ivajlo Vazharov
FRI-K.201-1-HP-12:	Dr. Stoyko Yordanov and the First Attempt to Establish a Bulgarian Medical Organization Dimitar Stavrev

14:00 – 15:30

Parallel Sessions Room 2.114

FRI-2.114-1-SW

Social Work

Session Chair: Sasho Nunev

FRI-2.114-1-SW-01:	Quality of Social Services-Theoretical Approaches and Practical Challenges Lilyana Rusanova
FRI-2.114-1-SW-02:	Unlawful Behaviour of Adolescents – Social and Psychological Aspects Ivanka Stoyanova-Todorova
FRI-2.114-1-SW-03:	Efficiency and Effectiveness of Application of Special Seismic Protection Methods Plamen Kolev
FRI-2.114-1-SW-04:	Study of Social Relationships as a Component of Quality of Life in Clients with Oncological Diseases of Working Age Evgeniya Bratoeva
FRI-2.114-1-SW-05:	Extracurricular Club Forms of Activity of Social Work Students and Formation of Positive Attitudes Towards People of Different Ethnic Background Sasho Nunev

14:00 – 17:30

Parallel Sessions Room 2G.104

FRI-2G.104-1-HC

Health Care

Session Chair: Despina Georgieva

FRI-2G.104-1-HC-01:	Analysis and Risk Assessment of "Knowledge Deficit" and Factors Associated with the Self-Application of Low-Molecular Fraxiparin at the Patients in the Postoperative Period Mariana Bachewa, Daniela Velichkova-Hadjieva, Rosica Doinovska
FRI-2G.104-1-HC-02:	Conflicts in Students ' Groups and Their Managemnt Ivanichka Serbezova
FRI-2G.104-1-HC-03:	Chess Therapy Or ... Life as a Game of Chess Nikolina Angelova
FRI-2G.104-1-HC-04:	Neonatal Pain

FRI-2G.104-1-HC-05:	Nina Gamakova-Radkova Traditions and News in Inhalatory Corticosteroids
FRI-2G.104-1-HC-06:	Svilen Dosev, Kina Velcheva Examination of Physiometric Indicators in Students
FRI-2G.104-1-HC-07:	Plamen Petkov, Petya Angelova Free Time Fitness - Motivation for Feeding and Use of Food Additives and Anabolic Steroids
FRI-2G.104-1-HC-08:	Plamen Petkov The Pregnant Woman as a Subject of the Didactic Concept

14:50 – 15:20

Coffee-Break

15:20 – 17:30

Parallel Sessions Room 2G.104

FRI-2G.104-2-HC

Health Care

Session Chair: Despina Georgieva

FRI- 2G.104-2-HC-01:

Kinesitherapy During Pregnancy

Yoana Lukanova

FRI- 2G.104-2-HC-02:

The Basic Hygienic Health Care as a Factor for the Rise of Infections Due to Medical Service (Idms)

Irina Hristova

FRI- 2G.104-2-HC-03:

Alternative Methods and Means for the Realization of Quality and Safe Compensatory Hygienic Care

Despina Georgieva

FRI- 2G.104-2-HC-04:

Current State of the Hygiene Health Care in the Context of Quality and Patients' Safety

Greta Koleva

FRI- 2G.104-2-HC-05:

Training of Relatives and Attendants of Hemodialysis Patients

Teodora Todorova

FRI- 2G.104-2-HC-06:

Chronology of Medical Symbols and Emergency Help

Kristina Zaharieva, Teodora Nedeva, Tatyana Atanasova

FRI- 2G.104-2-HC-07:

The Place of Women's Counseling in the Present

Kina Velcheva

FRI- 2G.104-2-HC-08:

Strategies for Implementing Long-Term Care of Mental Health in the Community

Daniela Konstantinova

14:00 – 17:30

Parallel Sessions Room 2B.313

FRI-2B.313-1-L

Law

Session Chair: Elitsa Kumanova

FRI-2B.313-1-L-01:

Eloquence and Argumentation

Lachezar Dachev, Doroteya M. Dimova-Severinova

FRI-2B.313-1-L-02:

Protection of Persons with Non- Chemical Dependences

Elitsa Kumanova, Nikolina Angelova

FRI-2B.313-1-L-03:

Religion, Culture and Law as Inclusive Conditions and Criteria for Belonging to the European Civilization and the European Union

Ivelin Velchev

FRI-2B.313-1-L-04:

Roman Ideas for the Modern Concept of Legal Disciplinary Liability

Velislava Acheva

- FRI-2B.313-1-L-05: From the Babylon Tower to Homo Ciberneticus/ Short Socio-Theological Analysis of Transhumanism
Svilen Spasov
- FRI-2B.313-1-L-06: Historical Approach to Administrative Law
Emanuil Kolarov
- FRI-2B.313-1-L-07: Resignation as a Reason for the Expiration of the Prerogatives of a National Representative
Zornitsa Yordanova
- FRI-2B.313-1-L-08: Double Taxation and Double Non-Taxation. Avoidance Measures Legal Protection of Taxpayers in the Light of Administrative Cooperation in Tax Matters Between EU Member States
Elina Marinova
- FRI-2B.313-1-L-09: Income from the Activity of Prostitution is Not Illegal It Must Be Subjected to Taxation and Therefore Meritful of Tax Protection
Eduardo Maria Piccirilli
- FRI-2B.313-1-L-10: Legal Treatment of Inheritance Tax
Vania Panteleva
- FRI-2B.313-1-L-11: Tax Incentives for Video Games Development. Compatibility with EU Law
Hristina R. Georgieva
- FRI-2B.313-1-L-12: Professions in Health Care System – Basic Terms and Critical Review
Maria Radeva
- FRI-2B.313-1-L-13: Legdl-Dociological Parameters of National Anti-Discrimination Legislation Related to the Characteristics Age and Disability
Leyman Tyuleoglueva
- FRI-2B.313-1-L-14: The Movable and Immovable Property and the Fight of Social Assistance in the Context of the Social Assistance Act
Byulent Mehmed
- FRI-2B.313-1-L-15: Status and Position of Bulgarian National Audit Office Among the Bodies of State Governance
Zhivko Dimov
- FRI-2B.313-1-L-16: About Measure of Law
Svetla Marinova
- FRI-2B.313-1-L-17: Protection and Care for Refugee Children in Therepublic of Bulgaria
Desislava Mladenova Argirova

14:00 – 17:30

Parallel Sessions Room 2B.311

FRI-2B.311-1-L

Law

Session Chair: Krassimir Dimitrov

- FRI-2B.311-1-L-01: Analysis and Comment of Paragraph 2 of Interpretative Decision № 8/2012 of Supreme Court in a Relation to the Subjective Property Rights Defense
Serghei Calincov
- FRI-2B.311-1-L-02: Comparison Between the Inheritance and the Other Means for Substitution of the Debtor
Ventsislav L. Petrov
- FRI-2B.311-1-L-03: Specifics of the Procedure of Stabilization
Tihomir Nikolov
- FRI-2B.311-1-L-04: Legal Nature of the Plsan for Stabilization
Teodor Genev
- FRI-2B.311-1-L-05: The Agreement Resulting from Mediation on Individual Labor Disputes
Antonina Dimitrova
- FRI-2B.311-1-L-06: The Application of Mediation on Collective Labor Disputes
Antonina Dimitrova

- FRI-2B.311-1-L-07: Unfair Commercial Practices in Distance Contracts Under the Consumer Protection Act
Ioana Kaneva
- FRI-2B.311-1-L-08: Insolvency Proceedings of Members of a Group of Companies
Vladislav Ivanov
- FRI-2B.311-1-L-09: The Determination of an Appropriate Adoptive Parent
Elena Todorova
- FRI-2B.311-1-L-10: The Agent in the Role of a Procedural Substitute
Zlatozar Yordanov
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14:00 – 17:30

Parallel Sessions Room 2B.308

FRI-2B.308-1-L

Law

Session Chair: Kremena Rayanova

- FRI-2B.308-1-L-01: Essence of the Concept of National Security
Kremena Rayanova
- FRI-2B.308-1-L-02: The Personal Security Survey
Milen Ivanov
- FRI-2B.308-1-L-03: Can Mediation Be an Alternative to the Punishment of Imprisonment
Svetlin Antonov
- FRI-2B.308-1-L-04: Interrogation as a Method for Gathering Non-Material Evidence of a Crime
Nevena Ivanova Ruseva
- FRI-2B.308-1-L-05: Anonimous Signals as a Counter-Corruption Measure at the Ministry of Interior
Pavlin Iliev
- FRI-2B.308-1-L-06: Modern Technologies for Improving the Level of Security of the Elderly People
Desislava Viktorova
- FRI-2B.308-1-L-07: Punishments Imposed for Hooliganism in the Republic of Bulgaria
Ivaylo Ivanov
- FRI-2B.308-1-L-08: To the Question is Transformative Nature of the Right to Personal Protection in the Criminal Process?
Lyuboslav Lyubenov
- FRI-2B.308-1-L-09: Physiological Affect - Medical, Legal and Applied Aspects
Nikolay Nikolov, Nikolina Angelova
- FRI-2B.308-1-L-10: A Comparative Analysis of Criminal Offenses Against Tax System
Nina Tagarova
- FRI-2B.308-1-L-11: About the Operative Hearing in Criminal Proceedings
Anatoli Bobokov
-

14:00 – 17:30

Parallel Sessions Room Kaneff Hall 1

FRI-K1-1-QHE

Quality of Higher Education

Session Chair: Emil Trifonov

- FRI-K1-1-QHE-01: The Internalization in the National Quality System of Higher Education
Hristo Beloev, Velizara Pencheva, Radoslav Kyuchukov
- FRI-K1-1-QHE-02: The Academic Values in the Changing World (The University of Ruse, Bulgaria as a Signatory of Magna Charta Universitatum)
Hristo Beloev, Velizara Pencheva, Juliana Popova
- FRI-K1-1-QHE-03: Regional Dimensions of the University Leadership (The Case with the University of Ruse, Bulgaria)
Hristo Beloev, Velizara Pencheva, Juliana Popova, Diana Antonova, Svilen Kunev

- FRI-K1-1-QHE-04: Integration of Higher and Secondary Education in Bulgaria
Vyarka Ronkova
- FRI-K1-1-QHE-05: The University Quality System of Education and its Functioning in the Branches of Ruse University
Stanka Damyanova
- FRI-K1-1-QHE-06: Learning System for Experts for Internal and External Evaluation of the Quality of Higher Education
Hristo Beloev, Velizara Pencheva, Radoslav Kyuchukov
- FRI-K1-1-QHE-07: Analysis of the Results of Lecturers Qualification Enhancing Through Participation in Specialized Courses
Plamen Daskalov, Asen Asenov, Tsvetelina Georgieva, Hristo Beloev, Velizara Pencheva, Diana Antonova
- FRI-K1-1-QHE-08: INNOVENTER – an International Way to Support the Social Entrepreneurship Education
Daniel Pavlov
- FRI-K1-1-QHE-09: Web Based Application for Improving the Quality of the Financial Service of Students in the University of Ruse
Rumen Rusev, Viara Ruseva, Vasil Kozov, Ivelin Chalov
- FRI-K1-1-QHE-10: Methodology for Identification of Training Courses Expenditure by Structural Departments
Miglena Angelova, Veselin Grigorov
- FRI-K1-1-QHE-11: Main Factors in Ensuring Access to Higher Education for Young People with Disabilities
Elena Lisnic
- FRI-K1-1-QHE-12: Restraining Problems of Young People with Disabilities in Their Implementation for Learning in Universities
Julia Doncheva
- FRI-K1-1-QHE-13: Increasing the Motivation for Learning of the Students from the Professional Field Mechanical Engineering at the University of Ruse
Tanya Grozeva
- FRI-K1-1-QHE-14: Why to Use and How to Choose an Interactive Board
Angel Smrikarov, Aneliya Ivanova, Vanya Stoykova
- FRI-K1-1-QHE-15: Quality of Distance Learning in Engineering
Tsvetelina Georgieva, Tzvetelin Gueorguiev, Nikolay Mihailov, Boris Evstatiev, Seher Kadirova, Nadezhda Paskova
- FRI-K1-1-QHE-16: Culture of Quality of the Education. Borders of Lighting Design. Beyond Borders
Teodor Kyuchukov
- FRI-K1-1-QHE-17: Culture of Quality of the Education in Lighting Design. Personalization and Individualization
Teodor Kyuchukov
- FRI-K1-1-QHE-18: Training and Mobility Conditions of Students of the Example of the University of Ruse and the University of Uludag
Asen Asenov, Velizara Pentcheva, Gokhan Sevilgen, Ezgi Olgu, Mihail Milchev
- FRI-K1-1-QHE-19: Concept of Web Based Solution for Evaluation of University Graduates Employment
Daniela Yordanova
- FRI-K1-1-QHE-20: Shtakeholders Requirements In Correspondence of Neaa Criteria System for Programme Accreditation: Methodology for Assessment
Daniela Yordanova

19:30

Scientists' Ball ("Kaneff Centre")

NOVEMBER RESEARCH CONFERENCE IN RAZGRAD

Friday 2 November 2018

09:00 – 13:00

Registration – Hotel Cartoon (lobby bar)

11:00 – 17:00

Opening, plenary session

FRI-LCR-KS(R)-01:

Prof. Liviu Gaceu, PhD

Transilvania University of Brasov, Romania

Grape epicarp flour mixes as functional ingredient for bakery industry

FRI-LCR-KS(R)-02:

Nadezhda Mihaylova, PhD

University of Ruse, Branch Razgrad, Bulgaria

Pharmaceutical biotechnology today – principles, achievements, future

14:00 – 17:00

Parallel Sessions Room LCR

FRI-LCR-1-CT(R)

Chemical Technologies

Session Chair: Miluvka Stancheva

FRI-LCR-1-CT(R)-01:

Purification of Burgas Lake through Zeolit Type Clinoptilite

Todor Mihalev, Gergana Peeva

FRI-LCR-1-CT(R)-02:

Synthesis and Study of Ni-doped Willemite Ceramic Pigments

Tsvetalina Ibreva, Tsvetan Dimitrov, Irena Markovska

FRI-LCR-1-CT(R)-03:

From Formamide to Nucleic Acid Monomers and Amino Acids by Using Various Energy Sources

Venelin Enchev, Ivan Angelov, Nadezhda Markova, Nina Stoyanova, Sofia Slavova, Ivayla Dincheva, Evgeny Krasavin, Mikhail Kapralov, Latchezar Avramov

14:00 – 17:00

Parallel Sessions Room BFT

FRI-LCR-1-BFT(R)

Biotechnologies and Food Technologies

Session Chair: Nastia Ivanova

FRI-LCR-1-BFT(R)-01:

Phytochemical Evaluation and Antibacterial Effect of the Succulent *Graptopetalum Paraguayense* E. Walther

Nadezhda Markova, Maya Zaharieva, Hristo Najdenski, Ivayla Dincheva, Ilian Badjakov, Petia Genova-Kalu, Venelin Enchev

FRI-LCR-1-BFT(R)-02:

Assessment Method for Hygienic Design in Food Industry. Water Drainage and Water Saving Study Case

Liviu Gaceu, Oana Bianca Oprea, Nicoleta - Raisa Samoila

FRI-LCR-1-BFT(R)-03:

Sensory Evaluation and Rheological Behaviour of Yogurts Prepared from Goat Milk

Cristina Popovici, Mihaela Adriana Tita, Renata Brînză

19:30

Cocktail

Saturday 3 November 2018

09:00 – 13:00

Parallel Sessions Room LB

SAT-LB-P-1-CT(R)

Chemical Technologies

Session Chair: Tsvetan Dimitrov

SAT-LB-P-1-CT(R)-01:

Estimation of Adsorption Ability of Rice Husks Based Bio-Char for Nickel Ions Removal from Aqueous Solutions

Velyana Georgieva, Lenia Gonsalvesh, Mariana Tavlieva, Ganka Kolchakova

SAT-LB-P-1-CT(R)-02:

Synthesis of 1-Amino and 1-Nitroso Derivatives of 2',3'-Dihydro-2h,5h-Spiro[Imidazolidine-4,1'-Indene]-2,5-Dione

Neyko Stoyanov, Marin Marinov

- SAT-LB-P-1-CT(R)-03: Composite Coatings Based on Chrome with Various Carbon Modifications
Evgenii Vinokurov, Roman Grafushin, Vera Makhina
- SAT-LB-P-1-CT(R)-04: Interactive Training for Students in Technical Safety and Disaster Protection for Determining a Chemical Outbreak of Infection
Sabina Nedkova, Plamena Atanasova
- SAT-LB-P-1-CT(R)-05: Investigation of Influence of Zeolite Based Spent Catalyst on Deposited in the Composition of Chamotte Refractory Mass
Ganka Kolchakova, Milena Ivanova, Louiza Dimowa
- SAT-LB-P-1-CT(R)-06: A Strategy, Based on a Combination of Direct and Indirect Methods for Immobilization of Natural Compounds on Biopolymers
Stanislav Bayryamov
- SAT-LB-P-1-CT(R)-07: Microencapsulation of Natural Compounds. a Literature Review
Stanislav Bayryamov
- SAT-LB-P-1-CT(R)-08: Structural Features of Chalcones as Antiparasitic Agents
Nadezhda Markova, Daniela Batovska, Venelin Enchev, Shweta Sinha, Rakesh Sehgal
- SAT-LB-P-1-CT(R)-09: Kinetic Study of the Thermal Decomposition of Chitosan-Zeolite Nano-composite
Dilyana Zvezdova, Nedelcho Nedelchev
- SAT-LB-P-1-CT(R)-10: Strategic Design of Integrated Supply Chains for Production and Distribution of Bioethanol
Yunzile Dzhelil, Evgeniy Ganev, Boyan Ivanov, Dragomir Dobrudzhaliev
- SAT-LB-P-1-CT(R)-11: Kinetics of Magnesium Aluminium Spinel Synthesis in the Composition of Waste Aluminium Slag - Mgo
Ganka Kolchakova, Milena Ivanova, Mariana Tavlieva, Velyana Georgieva
- SAT-LB-P-1-CT(R)-12: Inhibitor Activity of Maleimide and its Derivatives in Mild Steel Corrosion in 1M H₂SO₄
Temenuzhka Haralanova, Angel Dishliev, Christian Girginov
- SAT-LB-P-1-CT(R)-13: From Formamide to Glycine and Urea: an Ab Initio Study
Venelin Enchev, Sofia Slavova
- SAT-LB-P-1-CT(R)-14: Reaction of Anilyne with 2-Nitrostyrene and 2-Bromo2-Nitrostyrene
Sonya Ivanova
- SAT-LB-P-1-CT(R)-15: Preparation and Characterization of Chitosan-Zeolite Nanocomposite Films for Wound Healing Application
Dilyana Zvezdova, Ivaylo Tankov, Valentin Vasilev, Snezhina Georgieva, Anife Veli, Radoslava Nikolova
- SAT-LB-P-1-CT(R)-16: Direct Microencapsulation of Rose Oil, Using Gelatin as Shell Material
Stanislav Bayryamov
- SAT-LB-P-1-CT(R)-17: Synthesis of Glycerol Carbonate, Trimethylol Propane Carbonate and Tris Carbonate as Precursors for the Preparation of Biodegradable Engine Oil Additives
Stanislav Bayryamov

09:00 – 13:00

Parallel Sessions Room LB

- SAT-LB-P-1-BFT(R)** **Biotechnologies and Food Technologies**
Session Chair: Iliana Kostova
- SAT-LB-P-1-BFT(R)-01: Influence of Spirulina and Kelp Algae on the Degree of Increase in Dough Volume
Denka Zlateva, Mimi Petrova

- SAT–LB-P-1-BFT(R)-02: Environmental Impact Assessments of Co2 Emissions of Pollutants Produced Using Different Transportation Fleets for “Green” Dairy Supply Chain Desing
Elisaveta Kirilova, Natasha Vaklieva-Bancheva, Rayka Vladova
- SAT–LB-P-1-BFT(R)-03: Determination of Rheological Properties with Farinograf and Extensigraf of Bio-Fortified Flour
Marija Menkinoska, Tatjana Blazhevska, Viktorija Stamatovska, Vinko Stanoev
- SAT–LB-P-1-BFT(R)-04: Preparation of Hydrophobins from the Fruit Body of Pleurotus Ostreatus by Extraction with Formic Acid
Nikita Khrapatov, Artyom Khludin, Boris Kolesnikov, Mark Shamtsyan
- SAT–LB-P-1-BFT(R)-05: Syntesis of Mechatronic Function Modules Drives of Flow Technological Lines in Food Production
Liudmyla Kryvoplias-Volodina, Alexander Gavva, Taras Hnativ
- SAT–LB-P-1-BFT(R)-06: Quality Characteristics of Honey: a Review
Tatjana Pavlova, Viktorija Stamatovska, Tatjana Kalevska, Ivan Dimov, Gjore Nakov
- SAT–LB-P-1-BFT(R)-07: Basic Physico-Chemical Studies of Orange-Colored Snow (Razgrad, Bulgaria)
Sevdalina Todorova, Maria Stefanova, Maya Petkova, Emel Djevdetova
- SAT–LB-P-1-BFT(R)-08: Comparison of Alexa 488, DR110 and Fitc Conjugated to Antibody for Microscopic Assays
Zlatina Becheva, Yavor Ivanov, Tzonka Godjevargova
- SAT–LB-P-1-BFT(R)-09: Use of Essential Oils in Dairy Products 4. Essential Oil of Oregano (Origanum Vulgare L.)
Iliana Kostova, Stanka Damyanova, Nastya Ivanova, Albena Stoyanova
- SAT–LB-P-1-BFT(R)-10: The Influence of Industrial and Facial Water on the Fifth Channel Situation in the City of Bitola
Tatjana Blazhevska, Marija Menkinoska, Gjore Nakov, Nastya Ivanova, Vinko Stanoev
- SAT–LB-P-1-BFT(R)-11: Painting with Yeasts on Chromogenic Differential Culture Media
Sevdalina Todorova, Neli Atanasova, Mirela Atanasova
- SAT–LB-P-1-BFT(R)-12: Determination of Fatty Acids Profile of Sunflower Oil Samples by Nmr 1h Spectroscopy
Svitlana Kovaleva, Larysa Mazur, Inna Hutsalo
- SAT–LB-P-1-BFT(R)-13: Studying the Borrowing Structure of Bakery Products
Vitalii Rachok, Ivanna Telychkun, Volodymyr Telychkun
- SAT–LB-P-1-BFT(R)-14: Influence of Electrophysical Water Treatment on the Process of Beverages Saturation
Oleksiy Nescuba, Olena Chepeliuk
- SAT–LB-P-1-BFT(R)-15: Residues of Organophosphorus Pesticides in Apples
Vezirka Jankuloska, Ilija Karov, Gorica Pavlovska, Gjore Nakov
- SAT–LB-P-1-BFT(R)-16: Investigation of the Uniformity of Distribution of Different Test Components After Following Discharge
Vitalii Rachok, Ivanna Telychkun, Yuliya Telychkun
- SAT–LB-P-1-BFT(R)-17: Justification of the Production Lines Arrangement Based on Quantitative and Graphic Methods for Assessing the Level of Equipment Excellence
Volodymyr Vasylykov, Oleksander Chepeliuk, Olena Chepeliuk