

PROGRAM OVERVIEW

OCTOBER RESEARCH CONFERENCE IN SILISTRA

Friday 18 October 2019

09:30 – 10:00

Registration

10.00 – 11.00

*Academic Discussion session *Culture matters**

FRI-110-1-CM(S)

Key speaker: Diana Nikolova-Bebenova, PhD

11:15 – 12:15

Parallel Scientific Sessions:

FRI-216-1 SSH(S)

Social Sciences and Humanities (SSH) (Room 216-Silistra)

FRI-227-1 PPTM(S)

Pedagogy, Psychology, Teaching Methodology (Room 227-Silistra)

FRI-110-1-TS(S)

Technical Sciences (Room 110-Silistra)

12:15 – 12:30

Coffee Break

12:30 – 14:45

Parallel Scientific Sessions:

FRI-216-2 SSH(S)

Social Sciences and Humanities (SSH) (Room 216-Silistra)

FRI-227-2 PPTM(S)

Pedagogy, Psychology, Teaching Methodology (Room 227-Silistra)

FRI-110-2-TS(S)

Technical Sciences (Room 110-Silistra)

OCTOBER RESEARCH CONFERENCE IN RUSE

Thursday 24 October 2019

after 14:00

Registration - room 1.322

Friday 25 October 2019

08:30 - 11:00

Registration - room 1.322

11:30 - 13:45

Plenary Session - Hall „Werner von Siemens“ 2G.204

Key Speakers:

FRI-2G.204-KS-01:

Prof. Emile Karailiev

University of Pantheon-Sorbonne University – Paris 1, France
Institut d'Administration des Entreprises (IAE)

Public-private partnerships for the preparation of large investment projects. Examples from France and Bulgaria

FRI-2G.204-KS-02:

Prof. Kostadin Kostadinov, PhD

Institute of Mechanics - BAS

Advisor to the Minister for Education and Science

Entrepreneurship and Business Planning of Starting Companies for the Exploitation and Commercialization of Research Results

FRI-2G.204-KS-03

Prof. Dr. Danail Petrov, DMSc, FETCS, FEBTS

Head of the Breast Surgery Clinic at St. Sofia Hospital, Medical University, Sofia

A Personalized Approach to Treatment of Neoplastic Lung Diseases and Quality of Living - in View of a Thoracic Surgeon

13:45 - 14:00

Coffee Break

14:00 - 16:00

Parallel Scientific Event: Round Table "Problems and Contemporary Trends in the Development of Sectoral Security Policies" - Aula Hall 2.101

Moderator: Svetlin Antonov

FRI-2.101-L-01

Key Speaker Milen Ivanov

14:00 - 17:30

Parallel Scientific Sessions:

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-16.203-1-ID	Industrial Design (Room 16.203)
FRI-1.417-MEMBT	Mechanical Engineering and Machine-building Technologies (Room 1.417)
FRI-10.326-1-EEEA	Electrical Engineering, Electronics and Automation (Room 10.326)
FRI-2G.302-1-CSN	Communication Systems and Networks (Room 2G.302)
FRI-2G.303-1-CST	Computer Systems and Technologies (Room 2G.303)
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.407-1-EM	Economics and Management (Room 2G.407)
FRI-2G.509-1-LCSIPC	Linguistic and Cultural Science, Intercultural and Political Communication (Room 2G.509)
FRI-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.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-2.113-1-SW	Social Work (Room 2.113)
FRI-2G.104-1-HC	Health Care (Room 2G.104)
FRI-2B.313-1-L	Law (Room 2B.313)
FRI-2B.312-1-L	Law (Room 2B.312)
FRI-2.101-1-L	Law (Room 2.101)
FRI-K1-1-QHE	Quality of Higher Education (Room Kaneff Hall 1)

19:30

Scientists' Ball in "Kaneff Centre", Ruse University

NOVEMBER RESEARCH CONFERENCE IN RAZGRAD

Friday 1 November 2019

09:00 - 16:00

Registration - Hotel Les (around the Reception)

11:00 - 13:30

Opening, plenary session

FRI-LCR-KS(R)-01:

Assoc. Prof. Oleksandr Zaichuk, DcS

*SHEI Ukrainian State University of Chemical Technology, Ukraine
Physico-chemical basis for the synthesis of ceramic pigments with a structure of various silicates using alternative raw materials*

FRI-LCR-KS(R)-02:

Prof. Marko Jukić, PhD

*Josip Juraj Strossmayer University of Osijek, Croatia
Functional cookies with the addition of brewer's barley malt and reduced sucrose addition*

FRI-LCR-KS(R)-03:

Prof. Alexander Seregin, DcS

*National University of Food Technologies, Kiev, Ukraine
Alternative energy suppli of food industry*

14:00 - 16:30

Parallel Scientific Sessions:

FRI-CR-1-CT(R)

Chemical Technologies (Room CR)

FRI-LCR-1-BFT(R)

Biotechnologies and Food Technologies (Room LCR)

19:30

Cocktail

Saturday 2 November 2019

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

Chemical Technologies (RoomLB)

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

Biotechnologies and Food Technologies (RoomLB)

SESSION SCHEDULE

OCTOBER RESEARCH CONFERENCE IN SILISTRA

Friday 18 October 2019

09:30 – 10:00 *Registration*

10.00 – 11.00 *Academic Discussion session: Culture Matters*

Key speaker:

FRI-110-1-CM(S) *Diana Nikolova-Bebenova, PhD*

11:15 – 12:30 *Parallel Sessions Room 216 - Silistra*

FRI-216-1-SSH(S) **Social Sciences And Humanities (SSH) (Room 216-Silistra)**

Session Chair: Todorka Georgieva

FRI-216-1SSH(S)-01: The Ruler in the Old Bulgarian Preaching Tradition

Todorka Georgieva, Maria Tomova-Mihneva

FRI-216-1SSH(S)-02: Tourist Potential of Rousse District

Daniela Yordanova, Milena Kirova

FRI-216-1SSH(S)-03: Stories About the Past. Perspectives, Strategies, Rhetoric

Rumyana Lebedova

FRI-216-1SSH(S)-04: A Look at Some of the First Syntax Textbooks

Donka Radeva Ilieva

FRI-216-1SSH(S)-05: The Ruler in Zlatostruy and Tarzhestvenik from 12th Century

Todorka Georgieva, Maria Tomova-Mihneva

11:15 – 12:30 *Parallel Sessions Room 227 - Silistra*

FRI-227-1-PPTM(S) **Pedagogy, Psychology, Teaching Methodology**

Session Chair: Galina Lecheva

FRI-227-1-PPTM(S)-01: Moral and Sport - Unity and/or Contradiction

Eleonora Mileva

FRI-227-1-PPTM(S)-02: Analysis of Critical Thinking Within the Context of Benjamin Bloom's Taxonomy of Educational Objectives

Diana Zhelezova-Mindizova

FRI-227-1-PPTM(S)-03: Strategies to Affect Anxiety of at-Risk Youth Raised Outside Their Family

Katerina Zlatkova-Doncheva

FRI-227-1-PPTM(S)-04: Practical Training of Students - Future Teachers

Galina Lecheva

FRI-227-1-PPTM(S)-05: Game Effects on Activity Participation of Children

And Youth With Intellectual Disorders

Desislava Popova

11:15 – 12:45 *Parallel Sessions Room 110 - Silistra*

FRI-110-TS(S) **Technical Sciences**

Session Chair: Milen Sapundzhiev

FRI-110-1-TS(S)-01: Relative Quantities of CO₂/G/kWh Equivalent in the Atmosphere from the Generation of Electricity for the Movement of Electric Vehicles Within the EU

Milen Sapundzhiev, Valentin Manev

FRI-110-1-TS(S)-02: Impact of Unloading Valve Spring Tension on Hydraulic Characteristics of CRI Solenoid Nozzles 1

Valentin Manev, Milen Sapundzhiev

FRI-110-1-TS(S)-03: Elaboration of a Didactic Test for Preliminary Testing of the School Subject "Man and Nature" (Physical Part) in 4th Grade

Evgenia Goranova, Dorothea Dimitrov

12:30 – 12:45	<i>Coffee Break</i>
12:45 – 14:00	<i>Parallel Sessions Room 216 - Silistra</i>
FRI-216-2-SSH(S)	Social Sciences And Humanities (SSH) (Room 216-Silistra) Session Chair: <i>Todorka Georgieva</i>
FRI-216-2-SSH(S)-01:	Synonymy in Logistics Terminology due to Shortening Galina Velikova
FRI-216-2-SSH(S)-02:	The Relationship Between Populism and Direct Democracy – The 2016 Referendum Stanislav Todorov, Tatyana Burudjieva
FRI-216-2-SSH(S)-03:	Philosophy of Contemporary Christian Values Ivelin Atanasov Iliev
FRI-216-2-SSH(S)-04:	Antichrist by Emiliyan Stanev – A Attempt at Psychological Reading of the Text Vladislav Dimitrov
FRI-216-2-SSH(S)-05:	Policy of the Bulgarian Government to Fight Corruption After the Accession of Bulgaria to the European Union Kosta Vlachkov, Ivo Stamboliyski
12:45 – 14:00	<i>Parallel Sessions Room 227 - Silistra</i>
FRI-227-2-PPTM(S)	Pedagogy, Psychology, Teaching Methodology Session Chair: <i>Galina Lecheva</i>
FRI-227-2-PPTM(S)-01:	It Technologies In Teaching Literature Galina Lecheva
FRI-227-2-PPTM(S)-02:	Cognitive and Metacognitive Resource of Action Research Diana Zhelezova-Mindizova
FRI-227-2-PPTM(S)-03:	Emotional Intelligence and its Effect on Aggression – Syrvey for Teachers, Principals and Parents Karina Gospodinova
FRI-227-2-PPTM(S)-04:	Some Methodological Implications for Supporting Maritime English Classroom Activities Petina V. Vicheva

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Moderator: Svetlin Antonov

FRI-2.101-L-01

Key Speaker Milen Ivanov

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:

Investigation of the Influence of Advanced Soil Protection Technology for Minimal and Unconventional Tillage Using Organic Fertilizer for Growing Maize for Sloping Grain

Iliana Ivanova Ivanova

FRI-8.121-1-AMT&ASVM-02:

Determination of the Economic and Soil Protection Efficiency of Advanced Technology for Minimal and Unconventional Tillage Using Organic Fertilizer in the Cultivation of Wheat on Slope Lands

Iliana Ivanova Ivanova

FRI-8.121-1-AMT&ASVM-03:

Changes in the Biochemical Characterization of Spring Vetch (*Vicia Sativa* L.) Cv. "Tempo" Depending on Cultivation Systems

Todor Kertikov, Gergana Kuncheva, Daniela Kertikova, Atahas Atanasov

FRI-8.121-1-AMT&ASVM-04:

Influence of Systems of Cultivation Under Spring Vetch (*Vicia Sativa* L.) on Yield on Forage and Crude Protein

Todor Kertikov, Atahas Atanasov, Daniela Kertikova, Gergana Kuncheva

FRI-8.121-1-AMT&ASVM-05:

Methodology for Determining the Emissions of Carbon Dioxide and Other Greenhouse Gases in Different Soil Tillage

Petar Dimitrov Dimitrov, Hristo Ivanov Beloev, Gergana Slavova Kuncheva, Iliana Ivanova Ivanova

FRI-8.121-1-AMT&ASVM-06: System for Monitoring Beehive
Todor Delikostov, Iliyana Ivanova

14:00 - 17:30 *Parallel Sessions Room 1.202*

FRI-1.202-1-MR **Maintenance and Reliability**
Session Chair: Mitko Nikolov

FRI-1.202-1-MR-01: Methods for Agricultural Machinery Maintenance Spare Parts Planning
Daniel Leekassa Bekana, Krasimir Radev, Kaloyan Nikolaev, Borislav Valchev

FRI-1.202-1-MR-02: Determination of the Structural Characteristics of the Parts of Agricultural Machinery Subject for Repair
Mitko Nikolov, Iliya Todorov, Vladislav Stoyanov, Jordan Valchev

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

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: Control of the Burning of Straw Briquettes at the End of the Furnace for the Increase of the Efficiency
Emil Enache, Ionel Pişă, Gabriel Paul Negreanu, Viorel Berbece, Gheorghe Lăzăroiu, Anca Enache

FRI-9.3-1-THPE-02: An Evaluation Critical Review of the Merit of Augmentation Techniques by Second Law in Circular Tube with Twisted Tape and Wire Coil Turbulators
Daniela Kostadinova

FRI-9.3-1-THPE-03: With Twisted Tape and Wire Coil Turbulators a Critical Review of Thermal Augmentation in Circular Tube
Daniela Kostadinova

FRI-9.3-1-THPE-04: Methods, Used to Evaluate the Energy Efficiency of Systems for Transporting Fluids
Reneta Dimitrova

FRI-9.3-1-THPE-05: Electro-Hydraulic Actuator Systems with Intelligent Control - State and Prospects for Development
Krasen Kostov

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: Legal Regulation of the End-of-Life Tires Treatment and End-of-Waste Criteria in Bulgaria, United Kingdom and Australia
Nevena Ivanova

FRI-9.2-1-EC-02: Legal Regulation of Construction Waste Treatment
Denitsa Hvarchilkova

14:00 - 17:30 *Parallel Sessions Room 16.203*

FRI-16.203-1-ID **Industrial Design**
Session Chair: Cvetomir Konov

FRI-16.203-1-ID-01: Investigation and Comparison of Tar Retention in Smoking Pipe with One Large Air Chamber and a Pipe with More Small Air Chambers
Desislav Gechev Ivanov

FRI-16.203-1-ID-02: Beginning and Periods in the Development of Ergonomics
Cvetomir Konov

14:00 – 17:30	<i>Parallel Sessions Room 1.417</i>
FRI-1.417-1-MEMBT	Mechanical Engineering and Machine-Building Technologies <i>Session Chair: Krasimir Ivanov</i>
FRI-1.417-1- MEMBT-01:	Synthesis of Mobile Walking Robots Pavel Sinilkov
FRI-1.417-1- MEMBT-02:	Studying the Possibilities of an Approach for Limiting Vibrations When Machining Thin-Walled Beams Dimitar Dimitrov, Nikolay Nikolov
FRI-1.417-1- MEMBT-03:	Research of the Possibilities of a Method for Touch Probe Coordinate Measurements Dimitar Dimitrov, Valentin Mihov
FRI-1.417-1- MEMBT-04:	About the Information Assurance of the Turning Process Svetlana Koleva, Milko Enchev, Emil Belyov
FRI-1.417-1- MEMBT-05:	Automated Mixing and Dosing of Lubricants with Controlled Cavitation Tihomir Todorov, Deniz Chakar
FRI-1.417-1- MEMBT-06:	Opportunities for Heat Treatment Processes Simulation Iliyan Danev, Danail Gospodinov
FRI-1.417-1- MEMBT-07:	Determining the Optimum Inclination for 3D Printing - a Case of Rapid Prototyping Parts of A Shell Eco-Marathon Car Emil Yankov, Dimitar Kamarinchev, Roussi Minev
FRI-1.417-1- MEMBT-08:	Technology Maturity Studies of Equipment for Welding in a Protective Gas Environment Sasho Iliev, Roussi Minev, Nikolay Ferdinandov
FRI-1.417-1- MEMBT-09:	Numerical Modeling and Calibration of Steel Plate Tig Welding in Vacuum Ivo Draganov, Nikolay Ferdinandov, Danail Gospodinov, Rosen Radev, Stiliyana Mileva, Yulian Angelov

14:00 – 17:30	<i>Parallel Sessions Room 10.326</i>
FRI-10.326-1-EEEE	Electrical Engineering, Electronics and Automation <i>Session Chair: Ivan Evstatiev</i>
FRI-10.326-1-EEEE-01:	The Conditions for Self-Sustained Discharge in Cylindrical Geometry with Considering the Diffusion of Electrons to the Walls Gulizar Alisoy, Hafiz Alisoy
FRI-10.326-1-EEEE-02:	Automated Condition Monitoring System for Turbine Generator Unit Shafts Iuliia Kuieva, Serhii Baliuta, Valerii Kuieva
FRI-10.326-1-EEEE-03:	Design of Smart Irrigation System Based on Arduino Microcontroller Sechkin Remzi, Tsvetelina Georgieva, Plamen Daskalov, Nicolaos Sigrimis
FRI-10.326-1-EEEE-04:	Graphical Tool for Quality Assessment of Plants Using Image Analysis Tsvetelina Georgieva, Emil Stefanov, Nadezhda Paskova, Plamen Daskalov, Nicolaos Sigrimis
FRI-10.326-1-EEEE-05:	Design of Low Cost Microprocessor System for Measurement of Vegetables Color Features Tsvetelina Georgieva, Emil Stefanov, Nadezhda Paskova, Plamen Daskalov, Nicolaos Sigrimis
FRI-10.326-1-EEEE-06:	Indirect Approach for Soil PH Measurement Using Image Analysis Nadezhda Paskova, Tsvetelina Georgieva, Plamen Daskalov
FRI-10.326-1-EEEE-07:	Approaches for Quality Assessment of Plants in Greenhouses Nadezhda Paskova, Tsvetelina Georgieva, Plamen Daskalov
FRI-10.326-1-EEEE-08:	Development of Color Models to Determine the Excess or Deficiency of Chemical Elements in Plants Nadezhda Paskova, Tsvetelina Georgieva, Plamen Daskalov

- FRI-10.326-1-EEEE-09: Design of Smart Greenhouse Based on Arduino Microcontroller
Sechkin Remzi, Nadezhda Paskova, Tsvetelina Georgieva, Plamen Daskalov, Nicolaos Sigrimis
- FRI-10.326-1-EEEE-10: ESP8266 Based Multifunctional Module for Measuring Microclimatic Data
Iordan Stoev
- FRI-10.326-1-EEEE-11: Approach for Assessment of the Synchronization Between Digital Temperature Sensors
Iordan Stoev, Snezhinka Zaharieva
- FRI-10.326-1-EEEE-12: Evaluation of Gross Errors in Measured Temperature with an Electronic System for Management of Residential Energy Systems
Iordan Stoev, Snezhinka Zaharieva
- FRI-10.326-1-EEEE-13: Possibilities for Remote Control of Household Lighting Installations
Orlin Petrov
- FRI-10.326-1-EEEE-14: Investigation the Thermal Performances of a Type Photovoltaic-Thermal Panel
Konstantin Koev, Mitko Nikolov
- FRI-10.326-1-EEEE-15: Research of the Specific Indicators Characterizing Household Electric Consumption
Vyara Ruseva
- FRI-10.326-1-EEEE-16: Modeling the Electrical Field Between Flat Electrodes of a Laboratory Chamber for Pre-Sowing Treatment of Seeds
Kiril Sirakov
- FRI-10.326-1-EEEE-17: Color Features as a Main Factor for Dried Apricots Quality
Darinka Ilieva-Stefanova
- FRI-10.326-1-EEEE-18: Knowledge Engineering in Smart Agriculture to Secure Food and the Environment
Nicolaos Sigrimis, Tsvetelina Georgieva, Emil Stefanov, Antonina Mihaylova, Plamen Daskalov

14:00 – 17:30

Parallel Sessions Room 2G.302

FRI-2G.302-1-CSN

Communication Systems and Networks

Session Chair: Nina Bencheva

- FRI-2G.302-1-CSN-01: Optimization of Models for Traffic Prediction in Markov Chains
Mihail Iliev, Ivelina Balabanova, Georgi Georgiev, Boyan Karapenev
- FRI-2G.302-1-CSN-02: Analysis of the Quality of Customer Traffic in Markov Chains
Mihail Iliev, Ivelina Balabanova, Georgi Georgiev, Boyan Karapenev
- FRI-2G.302-1-CSN-03: Open Educational Resources Enhance the Steam Education
Nina Bencheva
- FRI-2G.302-1-CSN-04: Designing an Interactive Multimedia Bilingual Application for the Course “Pulse and Digital Devices”
Martin Ignacio, Mazola Ortega, Jakub Wysowski, Adriana Borodzhieva
- FRI-2G.302-1-CSN-05: Play to Learn: Using Drone-Aircrafts and Block Based Programming for Improving Learning Success Rates
Diyana Kinaneva, Georgi Hristov, Plamen Zahariev, Jordan Raychev
- FRI-2G.302-1-CSN-06: Creation of Content-Based Educational Courses and Attractive Approach for Acquiring New Knowledge in the Field of Applied Programming by Using UGVs
Diyana Kinaneva, Georgi Hristov, Plamen Zahariev, Jordan Raychev
- FRI-2G.302-1-CSN-07: Environmental Monitoring by Using Third Party Weather Data
Jordan Raychev, Diyana Kinaneva, Georgi Hristov, Plamen Zahariev
- FRI-2G.302-1-CSN-08: Development and Evaluation of an Urban Concept Vehicle Powered by Hydrogen Fuel Cell
Georgi Hristov, Plamen Zahariev, Ivan Beloev, Diyana Kinaneva, Jordan Raychev

14:00 – 17:30

Parallel Sessions Room 2G.303

FRI-2G.303-1-CST

Computer Systems and Technologies

Session Chair: Tsvetozar Georgiev

FRI-2G.302-1-CST-01:

Distributed Ring-Based Mutual Exclusion with Failover Recovery

Milen Lukanchevski

FRI-2G.302-1-CST-02:

Limitations in Processing and Reproduction of Video and Audio

Lachezar Yordanov

FRI-2G.302-1-CST-03:

Analysis of Software Testing Techniques and Results Measurement Metrics

Tsvetelina Mladenova

FRI-2G.302-1-CST-04:

Graph Database Application for Real-Time Sensor Systems

Georgi Georgiev

FRI-2G.302-1-CST-05:

Development of Virtual AI Avatar

Martin Kaloev

14:00 - 16:00

Parallel Sessions Room 2.203

FRI-2.203-1-TMS

Transport and Machine Science

Session Chair: Rosen Ivanov

FRI-2.203-1-TMS-01:

Calculation Methodology of Economic Efficiency in Machines' Brake System Regulated Repair Work

Henrik Vardanyan

FRI-2.203-1-TMS-02:

Experimental Study on Hazardous Fire Factors in a Passenger Train Coupe

Svilena Arabadzhieva, Todor Toshev

FRI-2.203-1-TMS-03:

Study of Some Exploitation Properties of Converted Electric Vehicle, by Reason of the Change in Mass and the Location of the Mass Center

Evgeni Sokolov

FRI-2.203-1-TMS-04:

Exploring Different Car Suspension Solutions for the Shell Eco-Marathon Competition

Rosen Hristov

FRI-2.203-1-TMS-05:

Analysis of Methods for Measuring the Temperature of Moving Parts of the Crank Mechanism

Delyan Petkov

FRI-2.203-1-TMS-06:

Modelling of Working Process of Diesel Engine When Working with Addition of Gas Fuel

Velichka Georgieva, Krasimir Bogdanov

FRI-2.203-1-TMS-07:

Modelling of Working Process of Diesel Engine When Working with Addition of Gas Fuel

Daniel Kostadinov, Nikolai Andonov, Krasimir Bogdanov

FRI-2.203-1-TMS-08:

Operation of Diesel Engine with Fuels and Oils Treated with Nanoparticle Additives

Zdravko Ivanov, Veselin Mihaylov

FRI-2.203-1-TMS-09:

Analysis Braking Deceleration of Light Vehicles

Zdravko Ivanov, Radostin Dimitrov, Daniel Ivanov

FRI-2.203-1-TMS-10:

Experimental Study of Post-Injection for Soot Reduction at Medium Load of a Light-Duty Direct Injection Diesel Engine

Plamen Punov, Svetoslav Mihalkov

FRI-2.203-1-TMS-11:

Standards and Methods for Measuring Vehicle Noise

Kamelia Dimitrova

FRI-2.203-1-TMS-12:

A Review of the Possibility for Using of Alternative Fuels and Biofuels in Hybrid Vehicles

Krasimir Markov

FRI-2.203-1-TMS-13:

Investigation of The Engine Operation on Gasoline-Isopropanol Fuel Blends

Kiril Hadjiev, Emilian Stankov, Nikolay Daskalov

FRI-2.203-1-TMS-14:

Improving Measurement Accuracy Through the Randomization Method

Atanas Iliev, Petar Kazakov

- FRI-2.203-1-TMS-15: Life Cycle Assessment for Compressed Air and Conventional Cars Concerning Energy Consumption and CO₂ Emissions
Ivan Evtimov, Rosen Ivanov, Georgi Kadikyanov, Gergana Staneva
- FRI-2.203-1-TMS-16: The Butanol as Alternative Fuel for Diesel Engines
Emil Mitev
- FRI-2.203-1-TMS-17: Investigating the Opportunities of Automated Test Machines Used for Research of Mechanical Systems
João Ribeiro, Hugo Alves, Gergana Mollova
- FRI-2.203-1-TMS-18: Improving Students' Communication and Problem Solving Skills During Teamwork
Hugo Alves, João Ribeiro, Yordanka Dimitrova
-

16:30 - 17:30

Parallel Sessions Room 2.203

FRI-2.203-2-TMS

Transport and Machine Science

Session Chair: Asen Asenov

- FRI-2.203-2-TMS-01: Development of a Tethered Air Handler with a Soft Link
Yavor Yotov, Simeon Iliev
- FRI-2.203-2-TMS-02: Assessment of Time Irregularities of Road Accidents in Bulgaria
Velizara Pencheva, Asen Asenov, Stanimir Penev
- FRI-2.203-2-TMS-03: Optimization of the Carriage of Transit Goods by Road Between Two Ports as Part of Multimodal Transport with a Requirement for Quick Discharge of the Vessel
Boril Ivanov
- FRI-2.203-2-TMS-04: Methodology for the Integration of Risk Management in Logistics Processes in Inland Ports
Kamen Ivanov
- FRI-2.203-2-TMS-05: Methods to Reduce the Number of Incidents with Vulnerable Road Users
Toncho Balbuzanov
- FRI-2.203-2-TMS-06: Assessment of the Maas System as a Tool for Shared Economy in Transport and the Application of Hydrogen Mobility
Velizara Pencheva, Asen Asenov, Dimitar Grozev, Ivan Beloev, Tsvetelina Georgieva, Plamen Daskalov
- FRI-2.203-2-TMS-07: Study of the Possibilities of Applying Hydrogen Mobility in Modern Cities
Asen Asenov, Velizara Pencheva, Ivan Beloev, Dimitar Grozev, Plamen Daskalov, Tsvetelina Georgieva
- FRI-2.203-2-TMS-08: Determining the Power Required to Drive a Prototype with Hydrogen Fuel Cell
Dimitar Grozev, Ivan Beloev, Georgi Hristov
- FRI-2.203-2-TMS-09: Creating a Urban Vehicle Prototype with a Hydrogen Fuel
Dimitar Grozev, Ivan Beloev, Georgi Hristov
- FRI-2.203-2-TMS-10: A Study of the Influence of Input Parameters on Output Results on the Delta V Method
Daniel Lyubenov, Filip Kirilov,
- FRI-2.203-2-TMS-11: Examination of Basic Qualities of Candidates for Drivers Category «B» for the Safe Driving of a Vehicle
Nikolay Paunov
- FRI-2.203-2-TMS-12: A Study of Advanced System for Training of Drivers Candidates
Polina Atanasova
- FRI-2.203-2-TMS-13: Study of the Development of Logistics Warehouses and the Role of them in 3PL Operator
Ivan Petrov
- FRI-2.203-2-TMS-14: A Study of the Braking Properties of Cars
Filip Kirilov
- FRI-2.203-2-TMS-15: A Study of the Vulnerable Road Users Safety in Bulgarian Roads
Ivo Balevski

- FRI-2.203-2-TMS-16: Research Cross-Docking Warehouse Organization as Part of the Integrated Delivery System in Conditions of 3PL Operator
Iskren Petrov, Ivan Petrov, Valeri Gamozov
- FRI-2.203-2-TMS-17: Analysis of the Some Buses Routes from Urban Passenger Transport in Big City
Pavel Stoyanov
- FRI-2.203-2-TMS-18: Modeling and Simulation Approaches for Hybrid Fuel Cells
Velizara Pencheva, Tsvetelina Georgieva, Asen Asenov, Sechkin Remzi, Plamen Daskalov
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14:00 - 17:30

Parallel Sessions Room 2G.404

FRI-2G.404-1-EM

Economics and Management
Session Chair: Svilena Ruskova

- FRI-2G.404-1-EM-01: Analysis of Changes in the Methodology for Determining the Price of the “Irrigation Water Supply” Service in the Republic of Bulgaria
Krasimira Zagorova
- FRI-2G.404-1-EM-02: Analysis of the Characteristics of Luxury Residential Properties
Kristian Valchev
- FRI-2G.404-1-EM-03: Opportunities and Advantages of Small Enterprises with Trade Mark Registration
Neli Rasheva, Daniel Pavlov
- FRI-2G.404-1-EM-04: Guidelines for Motivating Police Officers
Emil Kotsev, Lyudmil Stoyanov
- FRI-2G.404-1-EM-05: Analysis of the Willingness of Small Machine-Building Enterprises to Public-Private Partnerships with Ruse University and the Department of Management and Business Development.
Diana Avramova
- FRI-2G.404-1-EM-06: Stress Management as a Tool for Prevention of Burnout Syndrome
Ivalina Ruseva, Svilena Ruskova
- FRI-2G.404-1-EM-07: A Priori Research on Lean Tools in Business
Anton Nedyalkov, Adriana Simeonova
- FRI-2G.404-1-EM-08: Evaluation of Motivation as an Element of Emotional and Social Intelligence in Non-Profit Organizations
Irina Kostadinova, Sevyan Ahmedova
- FRI-2G.404-1-EM-09: Perspective Opportunities on Labor Market Supply: a Collateral Implication of the Innoventer Project
Emil Kotsev
- FRI-2G.404-1-EM-10: Application of the Regression Analysis to the Work Wage
Trufka Dimitrova, Desislava Ivanova
- FRI-2G.404-1-EM-11: Main Characteristic of Social Entrepreneur - Evidence from Innoventer Project
Miglena Pencheva
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14:00 - 17:30

Parallel Sessions Room 2G.407

FRI-2G.407-1-EM

Economics and Management
Session Chair: Kamelia Assenova

- FRI-2G.407-1-EM-01: A Study on the Fees and Commissions Burden on the Small Savers of the Bulgarian Banking Sector in 2019
Elizar Stanev
- FRI-2G.407-1-EM-02: Are Employees Paid their Marginal Product? Analysis of Wage Setting Practices from Bulgaria
Aleksandar Kosuliev
- FRI-2G.407-1-EM-03: Local Budgets - More Decentralization, More Efficiency
Kamelia Asenova

FRI-2G.407-1-EM-04:	Online Positioning of Biological Bee Honey from Region of Rouse Lyubomir Lyubenov
FRI-2G.407-1-EM-05:	When Employers Post their Wages - Analysis of Job Adverts from Ruse, Bulgaria Aleksandar Kosuliev
FRI-2G.407-1-EM-06:	Contemporary Dimensions of the International Competitiveness Anzhela Kamenova
FRI-2G.407-1-EM-07:	Culture and Economics - Cultural Values as a Factor for Economic Growth Dyanko Minchev, Dessislava Dimitrova
FRI-2G.407-1-EM-08:	Theoretical Foundations of Deflation According to John Maynard Keynes Georgi Georgiev
FRI-2G.407-1-EM-09:	Digital Information Revolution in the Context of the Long Waves Theory by N. Kondratiev Yulia Romanova, Anna Egorenko, Patimat Abakarova
FRI-2G.407-1-EM-10:	Study and Application of the Concept of Concurrent Engineering in Tool Design and Service Pavel Vitliemov
FRI-2G.407-1-EM-11:	Views on Anxiety and Creativity in Management Theory Silviya Ivanova Beloeva

14:00 - 14:45

Parallel Sessions Room 2G.509

FRI-2G.509-1-LCSIPC	Linguistic and Cultural Science, Intercultural and Political Communication (Room 2G.509)
FRI-2G.509-1-LCSIPC-01:	Semiotics in the Communication of Speculative Freemasonry Doncho Ivanov
FRI-2G.509-1-LCSIPC-02:	Social Media and their Impact on Value Orientations Rozalina Nozhilova-Kouncheva

14:00 – 17:30

Parallel Sessions Room 1.405b

FRI-1.405B-1-MIP	Mathematics, Informatics and Physics <i>Session Chair: Magdalena Andreeva</i>
FRI-1.405B-1-MIP-01:	Classification of the p -Groups G Having a Normal Abelian Subgroup H of Index p Such That $G_{(p)} = \{1\}$ Ivo Michailov, Ivan Ivanov, Ivaylo Dimitrov
FRI-1.405B-1-MIP-02:	Single Facility Location Problems in K-Trees Vladislav Haralampiev
FRI-1.405B-1-MIP-03:	Some Holder Approximations Among the Arithmetic, Harmonic and Quadratic Means Todor Mitev
FRI-1.405B-1-MIP-04:	Analysis of the Hedging of Portfolio with Futures Byulent Idirizov
FRI-1.405B-1-MIP-05:	Study of the Possible Usage of Internet of Things Devices in the Sphere of Healthcare Rumen Rusev, Ivo Rusev
FRI-1.405B-1-MIP-06:	Generation of a Probability Models for the Quantity and Quality of Water Surface Based on Neural Networks Iliya Vukarski, Alexander Shikalanov, Mariyana Lyubenova, Simona Peteva

14:00 – 17:30

Parallel Sessions Room 2G.305

FRI-2G.305-1-ERI	Education – Research and Innovations <i>Session Chair: Ralica Vasileva</i>
FRI-2G.305-1-ERI-01:	Novelties in Teachers' Education in Latvia Dace Kūma, Dina Barute

FRI-2G.305-1-ERI-02:	The Fermi-Walker Derivative in Dual Lorentzian Space D_1^3 Fatma Karakuş, Tevfik Şahin, Yusuf Yaylı
FRI-2G.305-1-ERI-03:	Teaching and Learning Mathematics Based on Competencies Ion Mierlus-Mazilu, Emiliya Velikova
FRI-2G.305-1-ERI-04:	Mathematical Problem Posing in Elementary School Desislava Georgieva
FRI-2G.305-1-ERI-05:	Detection of Mathematical Ability for Logical Thinking in 10 th Grade Student Valeriya Krusteva-Radneva, Emilia Velikova
FRI-2G.305-1-ERI-06:	Exploring the Role of Educational Projects in Changing the Mindset and Forming European Self - Awareness and Identity Emiliya Velikova, Sevda Tsvetanova
FRI-2G.305-1-ERI-07:	Methods of Instruction in Straight Circular Cylinder Yoana Nedelcheva, Emiliya Velikova, Ion Mierlus-Mazilu
FRI-2G.305-1-ERI-08:	Creating Interactive Education Environment by Information and Communication Technologies Vizhdan Muhareмова, Emilia Velikova
FRI-2G.305-1-ERI-09:	Web-Based School Geometry Learning Seyde Isufova, Ralitsa Vasileva-Ivanova, Magdalena Petkova
FRI-2G.305-1-ERI-10:	Studying Polynomials Using Information Technologies Gyunsel Ali, Antoaneta Mihova
FRI-2G.305-1-ERI-11:	Studying the Vieta's Formulas at School Using Information Technologies Melin Rasim, Antoaneta Mihova

14:00 – 17:30

Parallel Sessions Room 2G.405

FRI-2G.405-1-PP	Pedagogy and Psychology <i>Session Chair: Bagryana Ilieva, Lora Radoslavova</i>
FRI-2G.405-1-PP-01:	Principals and Approaches for Selection and Structuring of Knowledges in the Lesson of 'Around the World' Julia Doncheva
FRI-2G.405-1-PP-02:	Emotional Intelligence – Content Analysis of the Thermanology Ineducational Materials for Preschool Karina Gospodinova
FRI-2G.405-1-PP-03:	The Psychological Aspects of Professional-Pedagogical Communication and their Importance in the Educational Process Stoyko Ivanov
FRI-2G.405-1-PP-04:	The Ability to Communicate /Keeping in Touch with Others/ at School Nowadays – Good Practice Bagryana Ilieva, Ivelina Dimitrova
FRI-2G.405-1-PP-05:	Psychoemotional Problems of the Adolescents with Delinquency Denitsa Alipieva
FRI-2G.405-1-PP-06:	Alternative Communication and Aggressive Behavior in Residential Care Centres for Youth with Disabilities Desislava Popova
FRI-2G.405-1-PP-07:	Strategies to Impact Aggression of At-Risk Youth Without Parents Katerina Zlatkova-Doncheva
FRI-2G.405-1-PP-08:	Emotional Stress and Educative Strategies for Regulating the Emotional States of Adolescents Valentina Vasileva
FRI-2G.405-1-PP-09:	From Trauma to Healing – Providing Transition and Development Through Symbolic Attachment Petya Cheshmedzhieva
FRI-2G.405-1-PP-10:	The Role of Ego States for Emotional Intelligence of the Teachers Denitsa Alipieva

- FRI-2G.405-1-PP-11: Parents and Teachers as Motivators for Young People's Physical Activity
Desislavastoyanova, Valentina Vasileva, Iskra Ilieva, Deyan Staykov
- FRI-2G.405-1-PP-12: Gaming Approach to Achieving and Maintaining Proper Body Posture at Children's
Iskra Ilieva, Antoaneta Momchilova, Asya Veleva, Ekaterina Ivanova
- FRI-2G.405-1-PP-13: Comparative Analysis of the Results of the Psycho-Physical Achievements of 6-th Grade Boys
Valery Yordanov
- FRI-2G.405-1-PP-14: Psychological-Pedagogical Features at the Modern Educational-Training Activity of 15-Years Old Football Players
Kamen Simeonov
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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 of the Book “Pravoslavnoe Uchenie” (Graphic and Spelling Peculiarities) of Ilarion Stoyanov (Makariopolsky)

Ivo Bratanov

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

On the Lexical Innovations in the Bulgarian Language and the Cases When their Use is Undesirable

Emilia Nedkova

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

About Some Aspects of the Language Behavior of the Protesting Bulgarian in 2013

Niya Peneva

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

Five Features That Turned Atanas Dalchev’s Funeral Into a Landmark Event

Kamen Rikev

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

Elin Pelin - "The Singer of Social Misery"

Nikola Benin

FRI-2G.307-1-LL-06:

The Concept of Femininity in Victorian Society and the Views of George Macdonald on Women

Iliyana Benina

FRI-2G.307-1-LL-07:

GENERATING Ideas of Modern Education Based on the Messages of the Books from the Revival Period (The Compilation of a Reader Containing Literary Works from the Revival Period)

Velislava Doneva, Mira Dushkova

FRI-2G.307-1-LL-08:

Linguistic Aspects of the Contemporary Theories of Humour

Tanya Borisova

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:

The Success of the Film Musical – Psychological and Socio-Cultural Prerequisites of the Usage of Music in the Audience’S Favorite Genre

Krasimira Ivanova

FRI-2.205-1-AS-02:

Music in TV Series of the New Generation

Desislava Georgieva

FRI-2.205-1-AS-03:

Recording Symphonic Orchestra

Pavel Stefanov

FRI-2.205-1-AS-04:

The Sound Design of the Documentary “The Famous Stranger”- Director Svetoslav Ovcharov

Valeria Krachunova-Popova

FRI-2.205-1-AS-05:

The Role of Music in Cinema

Tsvetelina Tsvetkova

FRI-2.205-1-AS-06: Teaching Classical Music Notation to Students as an Act of Creation
Petya Stefanova

14:00 - 15:30 *Parallel Sessions Room K.201*

FRI-K.201-1-HP **Health Promotion**
Session Chair: Stefka Mindova

FRI-K.201-1-HP-01: Thermography and Posture in Association with the B.A.E. Method
Tiziano Pacini, Elisabetta De Juliis, Andrea Pacini

FRI-K.201-1-HP-02: Inversion of Cervical Lordosis
Tiziano Pacini, Elisabetta De Juliis, Andrea Pacini, Loredana Granata

FRI-K.201-1-HP-03: Postural Implication and Management of the Gravitational Field in the Fibromyalgia and in its Symptoms of Pain and Panic
Tiziano Pacini, Elisabetta De Juliis, Ferdinando Pivetta Viale Delle Grazie

14:00 - 15:30 *Parallel Sessions Room 2.113*

FRI-2.113-1-SW **Social Work**
Session Chair: Sasho Nunev

FRI-2.113-1-SW-01: Assessment of Occupational Risks for Workers in the Field of Social Services
Ivanka Stoyanova-Todorova

FRI-2.113-1-SW-02: Communication in Supervision with Social Work Students
Sasho Nunev

FRI-2.113-1-SW-03: Components Defining Social Services in the Context of Efficiency
Plamen Kolev

FRI-2.113-1-SW-04: Research on the Level of Received Support from Persons with Oncological Diseases from the Near Family Environment
Evgeniya Bratoeva

14:00 - 18:00 *Parallel Sessions Room 2G.104*

FRI-2G.104-1-HC **Health Care**
Session Chair: Despina Georgieva

FRI-2G.104-1-HC-01: Rectocele in Women and its Repair
Georgi Hubchev

FRI-2G.104-1-HC-02: The Role of Stem Cells in the Treatment of Urinary Incontinence-Survey
Georgi Hubchev

FRI-2G.104-1-HC-03: Pelvic Inflammatory Diseases Current Concepts - Review
Georgi Hubchev

FRI-2G.104-1-HC-04: Complications of Laparoscopic Surgeries in Gynecological Practice
Georgi Hubchev

FRI-2G.104-1-HC-05: Attitudes towards Implementing Virtual Education in Higher Healthcare Education in Bulgaria
Ivanichka Serbezova, Daniela Lyutakova

FRI-2G.104-1-HC-06: Virtual Education for Healthcare Experts - Research on the International Experience
Ivanichka Serbezova

FRI-2G.104-1-HC-07: Time of Alternative Performance Compared to Traditional Methods Hygiene in the Field of Health Care
Despina Georgieva, Greta Koleva, Irina Hristova

FRI-2G.104-1-HC-08: Increasing the Quality of Health Care through Technical Sheets for Hygiene Care by Dry Bathing
Irina Hristova, Despina Georgieva, Greta Koleva

FRI-2G.104-1-HC-09: Attitude towards Patients with Dementia in Bulgaria
Daniela Konstantinova

FRI-2G.104-1-HC-10:	Midwifery and Nursing Special Care Required in Preeclampsia Prevention Tsveta Hristova, Teodora Todorova
FRI-2G.104-1-HC-11:	Investigation of Needs for Physical Activities of Students Specialty "Midwife" at University of Ruse - Bulgaria and their Motivation to Participate Tsveta Hristova, Iskra Ilieva, Yoana Lukanova
FRI-2G.104-1-HC-12:	Models for Optimizing the Clinical Practice of Midwifery Students by Applying a Practical Clinical Practice Guide "React Quickly" Yoana Lukanova
FRI-2G.104-1-HC-13:	Acute Renal Impairment in the Case of in Vitro: a Case Report Teodora Todorova, Tsveta Hristova
FRI-2G.104-1-HC-14:	Savant Syndrome: Past, Present, Future Gamze Yasharova, Greta Koleva, Despina Georgieva, Irina Hristova
FRI-2G.104-1-HC-15:	Health-Related Quality of Life to People with Polimorbidity Katya Popova, Galina Terzieva, Monika Obreykova
FRI-2G.104-1-HC-16:	Assessment of the Quality of Live among Women with Oncological Diseases Petya Stefanova, Zlatinka Lecheva
FRI-2G.104-1-HC-17:	Assessment of Atitudes toward the Effective Mentoring Mariana Bachewa, Daniela Velichkova-Hadjieva, Rosica Doinovska
FRI-2G.104-1-HC-18:	Side Effects of Therapeutic Approaches and Quality of Life of Patients with Oncological Diseases Kristina Zaharieva, Teodora Nedeva, Tatyana Atanasova
FRI-2G.104-1-HC-19:	Some Accents when Tussavit-Syrup Treatment Svilen Dosev, Kina Velcheva

14:00 – 17:30

Parallel Sessions Room 2b.313

FRI-2B.313-1-L

Law

Session Chair: Kremena Rayanova

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

Rights as Experiences

Elitsa Kumanova

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

About the Kinship Between the Philosophy of Law and the General Theory of Law

Svetla Marinova

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

Cultural Identity as a Function of the State

Ivelin Velchev

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

Execution of the Law. Law Enforcement Process – Main Characteristics. Grounds for Including the State

Doroteya M. Dimova-Severinova

FRI-2B.313-1-L-05:

Audit Production Under Tax and Social Insurance Procedure Code. Administrative Regulation

Velislava Acheva

FRI-2B.313-1-L-06:

Curatorship of Persons with Unsound Mind in Ancient Rome

Simona Marinova

FRI-2B.313-1-L-07:

Coming Into Force and Coming Into Effect of the Legal Acts

Teodora Mladenova

FRI-2B.313-1-L-08:

Matters of Appealing Procedures of Penal Decrees

Diliana Kalinova

FRI-2B.313-1-L-09:

Constitutional Court's Case-Law in 2019 Concerning the Conditions for Appointment and for Dismissal of Civil Servants

Zornitsa Yordanova

FRI-2B.313-1-L-10:

EU Tax Policy – Goals and Perspectives

Elina Marinova

- FRI-2B.313-1-L-11: Trends in the Development of the European Public Procurement Framework - Positives and Weaknesses
Vania Panteleeva
- FRI-2B.313-1-L-12: Features of the Control Exercised by Bulgarian National Audit Office
Zhivko Dimov
- FRI-2B.313-1-L-13: Proposals and Alerts as Separate Proceedings in the Common System of Proceedings Before Administrative Authorities Under the Code of Administrative Procedures.
Yavor Marinov
- FRI-2B.313-1-L-14: Characteristics of Proposals and Alerts (Differentiation from Other Types of Applications Included in the Code of Administrative Procedure)
Yavor Marinov
- FRI-2B.313-1-L-15: Similar Features and Differences Between the Complaint and the Protest in the Administrative Process
Miglena Kisyoova
- FRI-2B.313-1-L-16: New e-Privacy Regulation in European Union
Zbyszek Husak
-

14:00 – 17:30

Parallel Sessions Room 2b.311

FRI-2B.312-1-L

Law

Session Chair: Krasimir Dimitrov

FRI-2B.312-1-L-01:

Appearance of Legal Entities Under the Current Legislation

Anastas Georgiev

FRI-2B.312-1-L-02:

A Possessor Or a Holder is the Person After the Entry Into Force of the Judgment on the Respected Claim in Property Law (Restitution Or Declaratory) Brought by the Owner?

Serghei Kalincov

FRI-2B.312-1-L-03:

The Interdictional Protection of the Possessor in the Roman Private Law

Serghei Kalincov

FRI-2B.312-1-L-04:

The Obligation of the Heir who Accepted the Inheritance Under the Benefit of Inventory for Giving an Account

Ventsislav L. Petrov

FRI-2B.312-1-L-05:

About the Distinction of Commercial Transactions of the Absolute, Subjective and Presumptive

Anna Nikolova

FRI-2B.312-1-L-06:

Withdrawal of the Marriage Agreement

Giuldan Erkianova

FRI-2B.312-1-L-07:

Analysis of Pre-Employment Protection in Case of Dismissal

Svetlana Basheva

14:00 – 17:30

Parallel Sessions Room 2.101

FRI-2.101-1-L

Law

Session Chair: Milen Ivanov

FRI-2.101-1-L-02:

Institutionalizing Terrorism as a Factor of Socio-Political Destruction in the Context of the Development of Global Socio-Political Processes

Kremena Rayanova

FRI-2.101-1-L-03:

Some Problems in the Application of Probation

Svetlin Antonov

FRI-2.101-1-L-04:

Actual Problems in the Use of Special Intelligence Means as a Technique for Establishing Evidence in the Criminal Procedure of the Republic of Bulgaria

Lyuboslav Lyubenov

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: Modernization of Higher Education in Bulgaria in an European and Global Context
Maria Fartunova
- FRI-K1-1-QHE-02: Higher Education Socialization in Europe and Bulgaria
Maria Fartunova
- FRI-K1-1-QHE-03: Concept for Database Management System for Tracing of Graduates' Professional Realization
Hristo Beloev, Daniela Yordanova, Ivan Evganov, Miroslav Mihailov
- FRI-K1-1-QHE-04: Methodology for Examination of Stakeholders' Opinion Related with University Graduates' Professional Realization
Daniela Yordanova, Milena Kirova
- FRI-K1-1-QHE-05: Project Development Guidelines for Improving the Students Employability via Efficient Career Counseling
Nikolay Naydenov, Ivan Evganov, Vanya Nikolaeva
- FRI-K1-1-QHE-06: Strategy of Digital Transformation of the Higher Education in Bulgaria (What Should We Be Able to Do to Begin the Digital Transformation of Education?)
Hristo Beloev, Angel Smrikarov, Tzvetomir Vassilev, Aneliya Ivanova
- FRI-K1-1-QHE-07: Vision for the Classroom of the Future (Future Education Space)
Angel Smrikarov, Galina Ivanova, Yuksel Aliev
- FRI-K1-1-QHE-08: Improving the Quality of Education by M-Learning
Tzvetelin Gueorguiev
- FRI-K1-1-QHE-09: Identity and its Projection on Digital World
Miglena Pencheva
- FRI-K1-1-QHE-10: The National Ecosystem and the Place of the University of Ruse in the Ecosystem of Ruse and the Region
Tanya Grozeva
- FRI-K1-1-QHE-11: Challenges to Ensuring Sustainability of a New Study Programme in a Competitive Context
Liliya Todorova
- FRI-K1-1-QHE-12: Ensuring the Quality of Higher Education by Creating Transparency in Academic Staff Development Procedures
Orlin Petrov
- FRI-K1-1-QHE-13: The Role and Contribution of the University Library to the Implementation of the Communication Strategy of the University of Ruse, Bulgaria and University's Image
Juliana Popova, Elisaveta Nedeva
- FRI-K1-1-QHE-14: Research and Evaluation of Lighting Systems and Lighting Design
Teodor Kyuchukov

19:30

Scientists' Ball in "Kanef Centre" of Ruse University

NOVEMBER RESEARCH CONFERENCE IN RAZGRAD

Friday 1 November 2019

09:00 - 16:00

Registration - Hotel Les (around the Reception)

11:00 - 13:30

Opening, plenary session

FRI-LCR-KS(R)-01:

Assoc. Prof. Oleksandr Zaichuk, DcS

SHEI Ukrainian State University of Chemical Technology, Ukraine
Physico-chemical basis for the synthesis of ceramic pigments with a structure of various silicates using alternative raw materials

FRI-LCR-KS(R)-02:

Prof. Marko Jukić, PhD

Josip Juraj Strossmayer University of Osijek, Croatia
Functional cookies with the addition of brewer's barley malt and reduced sucrose addition

FRI-LCR-KS(R)-03:

Prof. Alexander Seregin, DcS

National University of Food Technologies, Kiev, Ukraine
Alternative energy supply of food industry

14:00 - 16:00

Parallel Scientific Sessions Room CR

FRI-CR-1-CT(R)

Chemical Technologies

Session Chair: Tsvetan Dimitrov

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

Study of the Formation of Ceramic-Metal Coatings for Special Alloys
Victor Goleus, Olena Karasyk, Tsvetan Dimitrov, Tatyana Kozyreva, Andrey Saley

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

Ionic Silver Zeolite, Method of its Production and its Use for Medical Purposes
Todor Mihalev, Tsvetan Balkanski

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

Increasing the Strength of Quartz Ceramics
Olena Khomenko, Tsvetan Dimitrov, Oleksandra Makedonskaya

FRI-CR-1-CT(R)-04:

Ab Initio Study of Mechanism of Prebiotic Reactions: from Urea and Glycinamide to Hypoxanthine
Venelin Enchev, Sofia Slavova

14:00 - 16:30

Parallel Scientific Sessions Room LCR

FRI-LCR-1-BFT(R)

Biotechnologies and Food Technologies

Session Chair: Nastia Ivanova

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

Application of Special Method for Treatment of Water Liquid Systems
Iryna Dubovkina

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

Binding Expedient of Phenolic Acids from the Plant *Graptopetalum Paraguayense* E. Walther to Viral Dna Polymerase Amino Acids: A Theoretical Insight
Nina Stoyanova, Miroslav Rangelov, Petia Genova-Kalu, Venelin Enchev, Nadezhda Markova

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

Assessment of Energy Expenditure on the Kneading Wheat Dough Process
Volodymyr Telychku, Stanka Damyanova, Andrii Anisimov, Yuliya Telychku

FRI-LCR-1-BFT(R)-04:

Role of Food and Nutrition in Cancer
Cristina Popovici, Tatiana Munteanu

FRI-LCR-1-BFT(R)-05:

Review of the Working Bodies of Vertical Bead Mills
Kateryna Hrininh, Oleksii Gubenia

FRI-LCR-1-BFT(R)-06:

Novel Trends in Meat Packaging: Active Packaging on Microbiological Attributes of Different Types of Fresh Meat and Meat Products
Davor Daniloski, Anka Petkoska

FRI-LCR-1-BFT(R)-07:

Application of Ionizing Radiation for Treating of Modern Materials in Food Processing and Packaging Industry
Delyan Gospodinov, Stefan Stefanov, Vilhelm Hadjiski, Mihail Bechev

19:30

Cocktail

Saturday 2 November 2019

09:30 - 12:00

Parallel Poster Sessions Room Cr

SAT-CR-P-2-CT(R)

Chemical Technologies

Session Chair: Tsvetan Dimitrov

SAT-CR-P-2-CT(R)-01:

Multiparameter Optimization for Generation of Technological and Logistic Solutions for Production and Use of Biodiesel

Yunzile Dzhelil, Evgeniy Ganey, Boyan Ivanov, Dragomir Dobrudzhaliev

SAT-CR-P-2-CT(R)-02:

Application of the Method for Sampling of Silt Loading on Asphalted Roads

Dimitrinka Ivanova, Veselina Yordanova, Emine Ahmed

SAT-CR-P-2-CT(R)-03:

Microencapsulation of Rose Oil by Self-Assembly Method

Stanislav Bayryamov, Maria Nikolova

SAT-CR-P-2-CT(R)-04:

Inhibition of Steel in 0.1 M H₂SO₄

Temenuzhka Haralanova, Christian Girginov, Stephan Kozhukharov

SAT-CR-P-2-CT(R)-05:

Antibacterial Performance of Chitosan Based Membranes Loaded with Tetracycline for Wound Healing Applications

Dilyana Zvezdova, Anife Veli, Radoslava Nikolova

SAT-CR-P-2-CT(R)-06:

Machines and Techniques for Processing Fibers and Finished Products

Tanya Grozeva, Stanislav Bayryamov

SAT-CR-P-2-CT(R)-07:

Preparation of Urea-Formaldehyde Microcapsules Filled with Rose Oil by in *Situ* Polymerization Method. Influence of the Surfactant Concentration

Stanislav Bayryamov, Maria Nikolova

SAT-CR-P-2-CT(R)-08:

Kinetic Study of the Non Isothermal Analysis of Chitosan Shrimp Shells from Black Sea

Dilyana Zvezdova, Nedelcho Nedelchev

SAT-CR-P-2-CT(R)-09:

A Review of Methods and Techniques for Characterization of Structure, Morphology and Dispersion Stability of Microcapsules

Maria Nikolova, Stanislav Bayryamov

SAT-CR-P-2-CT(R)-10:

Analytical Method for Determination of Concentrations of Polycyclic Aromatic Hydrocarbons in Fine Particulates

Stela Naydenova, Anife Veli, Zilya Mustafa, Lenia Gonsalvesh-Musakova

SAT-CR-P-2-CT(R)-11:

Synthesis of Highly Porous Dielectric Mullite Ceramics with Wood Sawdust As Pore- Former

Fila Yovkova, Irena Markovska, Magdalena Mitkova, Dimitar Georgiev, Dimitar Rusev, Yancho Hristov

SAT-CR-P-2-CT(R)-12:

Preparation of Urea-Formaldehyde Microcapsules Filled with Rose Oil by in *Situ* Polymerization Method. Influence of the Stirring Rate, Stirring Time, and Reaction Temperature of the Stirring Process

Stanislav Bayryamov, Maria Nikolova

SAT-CR-P-2-CT(R)-13:

Computer Processing of Thermodynamic Data for Calculation of Equilibrium Constant

Temenuzhka Haralanova, Mariyka Petrova, Iliana Ivanova

SAT-CR-P-2-CT(R)-14:

Liquid Jet Gas Ejectors: Designs of Motive Nozzles, Performance Efficiency

Vitaly Ponomarenko, Tsvetan Dimitrov, Andriy Slyusenko,

Dmitriy Lulka

SAT-CR-P-2-CT(R)-15:

Characterization Techniques for Microcapsules Immobilized on Textiles

Maria Nikolova, Stanislav Bayryamov

SAT-CR-P-2-CT(R)-16:

Structure Properties Investigation of Chitosan Nanocomposite Biofilms

Dilyana Zvezdova

SAT-CR-P-2-CT(R)-17:

Automated Calculation of Equilibrium Constant Using the Tomkin - Schwarzman Method

Mariyka Petrova, Temenuzhka Haralanova, Iliana Ivanova

- SAT-CR-P-2-CT(R)-18: Synthesis and Study of Spinel Ceramic Pigments in the System
CoO.ZnO.Al₂O₃
Tsvetan Dimitrov, Tsvetalina Ibrev, Irena Markovska
- SAT-CR-P-2-CT(R)-19: Biodegradable Oils, Lubricants and Additives. Methods for Their Preparation
Vasil Kopchev, Stanislav Bayryamov
- SAT-CR-P-2-CT(R)-20: Preparation of Urea-Formaldehyde Microcapsules by Preliminary Synthesis
of Stable Pre-Polymer for its Long Time Storage
Stanislav Bayryamov
-

09:30 - 12:00

Parallel Poster Sessions Room LCR

- SAT-LCR-P-2-BFT(R)** **Biotechnologies and Food Technologies**
Session Chair: Iliana Kostova
- SAT-LCR-P-2-BFT(R)-01: Molecular Properties and Bioactivity Score of Newly Synthesized Derivatives
of Bexarotene
Yana Koleva, Svetlana Georgieva, Nadya Agova, Ivelin Iliev
- SAT-LCR-P-2-BFT(R)-02: Mechatronic Module for Weight Dosing of Viscoplastic Foods
Oleksandr Gavva, Borys Mykhailuk, Nataliya Kulyk
- SAT-LCR-P-2-BFT(R)-03: Limiting Factors in Processes of Anaerobic Fermentation of Sugar Content
Media
Anatoly Sokolenko, Oleksandr Shevchenko, Sergei But
- SAT-LCR-P-2-BFT(R)-04: Influence of Kelp Algae on Wheat Bread Staling
Mimi Petrowa
- SAT-LCR-P-2-BFT(R)-05: Adiabatic Dynamina of Cooling Mashing Through Creation of Vacuum in the
Fermentation Apparatus
Oleksii Boiko, Svitlana Mironenko
- SAT-LCR-P-2-BFT(R)-06: Parametric Synthesis of Mechatronics Module of Dispensing of Liquid
Food Products
Mykola Iakymchuk, Olha Horchakova
- SAT-LCR-P-2-BFT(R)-07: A Survey of the Plant *Graptopetalum Paraguayense* E. Walther for Anti-
Influenza Virus Activity
**Petia Genova-Kalu, Ivayla Dincheva, Ilian Badjakov, Venelin Enchev,
Nadezhda Markova**
- SAT-LCR-P-2-BFT(R)-08: Vacuum Cooling of Biscuit Semi-Finished Products
**Mykola Desyk, Volodymyr Telychkun, Stanka Damyanova, Yuliya
Telychkun**
- SAT-LCR-P-2-BFT(R)-09: Nutritional Toxicology - An Overview
Stanislava Georgieva, Penkov Marinov
- SAT-LCR-P-2-BFT(R)-10: The Microstructure of Gerontologic Food Pastes
Oleg Galenko
- SAT-LCR-P-2-BFT(R)-11: Optimization of Meat-Containing Semi-Finished Products Formulations with
the Microbiological Derived Proteases Application
Vasyl Pasychnyi, Dmytro Shvediuk
- SAT-LCR-P-2-BFT(R)-12: Microbiological and Physicochemical Analysis of Honey and Cinnamon
Yogurt
Ira Taneva, Ivan Dimov, Gjore Nakov
- SAT-LCR-P-2-BFT(R)-13: Complex Analysis of Quality Indices of Ice Cream with the Use of Milk and
Protein Concentrates
**Tetiana Osmak, Galyna Polischuk, Oksana Kochubei-Lytvynenko, Artur
Mykhalevych**
- SAT-LCR-P-2-BFT(R)-14: Assessment of the Quality of the Treated Wastewater in Relation to the
Amount of Electricity Consumed in WWTP
Rayka Vladova, Natasha Vaklieva-Bancheva
- SAT-LCR-P-2-BFT(R)-15: Research of the Quality Indices of Sour Milk Paste
Oksana Kochubei-Lytvynenko, Ulyana Kuzmyk, Nataliia Yushchenko

- SAT-LCR-P-2-BFT(R)-16: Modeling of the Process of Kneading the Yeast Dough by Modern Working Elements
Vitalii Rachok, Volodymyr Telychkun, Yuliya Telychkun
- SAT-LCR-P-2-BFT(R)-17: Sensory Evaluation and Overall Acceptance of Raspberry Jam with Different Sweeteners
Viktorija Stamatovska, Gjore Nakov, Ljubica Karakasova
- SAT-LCR-P-2-BFT(R)-18: Structural and Parametric Synthesis of Functional Mechatronic Modules of Machines for Formation of Transportation Packages of Food Products
Oleksandr Gaava, Vladyslav Yakymchuk
- SAT-LCR-P-2-BFT(R)-19: The Effect of Packaging on the Cooked Sausages Stability During Storage
Vasyl Pasychnyi, Yulia Zheludenko
- SAT-LCR-P-2-BFT(R)-20: Introducing CEEPUS Network “Adriatic-Pannonian-Black Sea Food Connect” Design Concepts
Cristina Popovici, Marko Jukic, Gjore Nakov, Liviu Gaceu, Jasmina Lukinac
- SAT-LCR-P-2-BFT(R)-21: Psyllium Using in the Technology of Meat Ground Semi-Cooked Products
Victoria Grechko, Ihor Strashynskiy, Vasil Pasichnyi
- SAT-LCR-P-2-BFT(R)-22: The Utilisation of *Opuntia Ficus Indica* As Functional Food and Improvement of Athletes' Performances
Davor Daniloski, Gjore Nakov
- SAT-LCR-P-2-BFT(R)-23: Application of Hydrocolloids Injection in Processing of Different Types of Meat Raw Materials by Sous Vide Technology
Vasyl Pasychnyi, Dmytro Garmash
- SAT-LCR-P-2-BFT(R)-24: Qualitative Indicators of Edible Films and Coatings
Stefan Stefanov, Yordanka Stefanova, Vilhelm Hadjiiski, Donka Stoeva,
Deljan Gospodinov
- SAT-LCR-P-2-BFT(R)-25: Active Packaging - Producing, Advantages and Trends of Usage
Iliana Kostova, Darina Georgieva, Stanka Damyanova, Albena Stoyanova