

## PROGRAM OVERVIEW

### OCTOBER RESEARCH CONFERENCE IN SILISTRA

Friday 16 October 2020

09:00 – 10:00

*Registration*

10:00 – 12:00

*Plenary session*

*Key speakers:*

**FRI-110-2-KS(S)-01:**

**COR MEM Prof. Hristo Beloev, DTSc DHC mult.**

Rector of University of Ruse

*Influence of the University of Ruse in the Danube Region*

**FRI-110-2-KS(S)-02:**

**Milena Damianova,**

Chairperson of the Committee on Education and Science in the 44th National Assembly of the Republic of Bulgaria

*New Generations and the Education System*

12:00 – 13:00

*Lunch Break*

13:00 – 15:30

*Parallel Scientific Events:*

FRI-110-1-H(S)

Social Sciences and Humanities (Room 110 - Silistra)

FRI-227-1-PPTM(S)

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

FRI-116-1-TS(S)

Technical Sciences (Room 116 - Silistra)

15:30 – 16:30

*Excursion to Srebarna Nature Reserve*

### NOVEMBER RESEARCH CONFERENCE IN RUSE

Thursday 12 November 2020

08:30 – 11:00

*Registration - Building 2, Lobby*

11:00 – 13:30

*Plenary Session - Building 2, Hall 2.101 and parallel in Hall „Werner von Siemens“ 2G.204*

*Key Speakers together with 7<sup>th</sup> International Conference on Energy Efficiency and Agricultural Engineering (EE&AE)*

*Session Chair: Assoc. Prof. Irena Valova, PhD*

<https://zoom.us/j/4554379635?pwd=Z1c2QTVrdjcrVHNlbzNvZEp3eXJjQT09>

**THURS-ONLINE-FS-01:**

**Gilles Notton, PhD**

University of Corsica Pasquale Paoli, France,

Senior researcher

*Tilos, an Autonomous Greek Island Thanks to a PV/Wind/Zebra Battery Plant and a Smart Energy Management System*

**THURS-ONLINE -FS-02:**

**Gabriela Cîrciumaru, PhD**

National Institute for Research and Development in Electrical Engineering ICPE-CA Bucharest, Romania,

Senior researcher, Head of the Renewable Energy Sources and Energy Efficiency Department

*Experimental Study on the Performance of Small-Scale Wind Turbine Rotors*

**THURS-ONLINE-FS-03:**

**Assoc. Prof. Radosveta Sokullu, PhD**

Ege University, Turkey

Head of the Telecommunications Branch

*IoT in Agriculture: Irrigation Monitoring and Control System Example*

**THURS-ONLINE-FS-04:** **Assoc. Prof. Ludmil Stoyanov, PhD**  
Technical University of Sofia, Bulgaria,  
Vice-dean of R&D and International Cooperation, French Faculty of  
Electrical Engineering  
*Application of Renewable Energy Sources for Irrigation Power Supply in  
Bulgaria*

**13:30 – 14:00**

*Coffee Break, Hall 2.204 and 2.203*

**Friday 13 November 2020**

**09:00 – 13:00**

*Parallel Scientific Sessions:*

FRI-ONLINE-1-AMT&ASVM Agricultural Machinery and Technologies, Agrarian Science and Veterinary  
Medicine (ONLINE)  
<https://meet.uni-ruse.bg/b/jkz-y22-3jf>

FRI-ONLINE-1-MR Maintenance and Reliability (ONLINE)  
<http://bbb.uni-ruse.bg/b/nwu-mx7-rrh>

FRI-ONLINE-1-THPE Thermal, Hydro- and Pneumatic Equipment (ONLINE)  
<https://meet.uni-ruse.bg/b/v49-x2n-6vf>

FRI-ONLINE-1-EC Ecology and Conservation (ONLINE)  
<https://meet.uni-ruse.bg/b/v49-x2n-6vf>

FRI-ONLINE-1-ID Industrial Design (ONLINE)  
<https://meet.uni-ruse.bg/b/vdz-qaa-hhn>

FRI-ONLINE-1-MEMBT Mechanical Engineering and Machine-Building Technologies (ONLINE)  
<https://bbb.uni-ruse.bg/b/emi-avy-pzz>

FRI-ONLINE-1-EEEE Electrical Engineering, Electronics and Automation (ONLINE)  
<https://meet.uni-ruse.bg/b/ej9-xny-fh6>

FRI-ONLINE-1-CCT1 Communication and Computer Technologies (ONLINE)  
<https://exam-bbb.uni-ruse.bg/b/gal-ejr-qkd>

FRI-ONLINE-1-CCT2 Communication and Computer Technologies (ONLINE)  
<https://exam-bbb.uni-ruse.bg/b/gal-fpd-txm>

FRI-2.209-1-TMS Transport and Machine Science (Room 2.209)  
<https://meet.uni-ruse.bg/b/4g4-mju-qth>

FRI-2.204-1-SITSTL Sustainable and Intelligent Transport Systems, Technologies and Logistics  
(Room 2.204, ONLINE)  
<https://meet.uni-ruse.bg/b/ye2-hwt-wdj>

FRI-ONLINE-1-EM1 Economics and Management 1 (ONLINE, Room 2B.412)  
<https://meet.uni-ruse.bg/b/une-kze-fwa>

FRI-ONLINE-1-EM2 Economics and Management 2 (ONLINE, Room 2G.404)  
<https://exam-bbb.uni-ruse.bg/b/vme-m6r-mjt>

FRI-ONLINE-1-ESSIR European Studies, Security and International Relations (ONLINE)  
<https://exam-bbb.uni-ruse.bg/b/q26-qu6-x92>

FRI-ONLINE-2-ESSIR European Studies, Security and International Relations (ONLINE)  
<https://exam-bbb.uni-ruse.bg/b/q26-qu6-x92>

FRI-ONLINE-1-LIPC Linguoculturology, Intercultural and Political Communication (ONLINE)  
<https://exam-bbb.uni-ruse.bg/b/7cm-xz3-hkw>

FRI-ONLINE-1-MIP Mathematics, Informatics and Physics (ONLINE)  
<https://exam-bbb.uni-ruse.bg/b/tzv-rtc-rae>

FRI-ONLINE-1-PP Pedagogy and Psychology (ONLINE)  
<https://exam-bbb.uni-ruse.bg/b/96a-unh-gaj>

FRI-ONLINE-1-LL Linguistics and Literature (ONLINE)  
[https://us04web.zoom.us/j/6314611859?pwd=K2dsWU9ONXA2NWdhZG  
Y4RHZMVk1UZz09](https://us04web.zoom.us/j/6314611859?pwd=K2dsWU9ONXA2NWdhZG<br/>Y4RHZMVk1UZz09)

FRI-ONLINE-1-AS	Art Studies (ONLINE) <a href="https://us04web.zoom.us/j/2038807908?pwd=Y3NMVW9hOWFMcU9ldlpHblZuWHpyZz09">https://us04web.zoom.us/j/2038807908?pwd=Y3NMVW9hOWFMcU9ldlpHblZuWHpyZz09</a>
FRI-ONLINE-1-ERI	Education - Research and Innovations (ONLINE) <a href="https://bbb.uni-ruse.bg/b/emi-a7x-rjt">https://bbb.uni-ruse.bg/b/emi-a7x-rjt</a>
FRI-ONLINE-1-LS	Law Studies (ONLINE) <a href="https://meet.uni-ruse.bg/b/xyv-3fk-nh7">https://meet.uni-ruse.bg/b/xyv-3fk-nh7</a>
FRI-ONLINE-1-NS	National Security (ONLINE) <a href="https://exam-bbb.uni-ruse.bg/b/kre-ztf-vc2">https://exam-bbb.uni-ruse.bg/b/kre-ztf-vc2</a>
FRI-ONLINE-1-HP	Health Promotion (ONLINE) <a href="https://meet.uni-ruse.bg/b/awn-2yw-vd">https://meet.uni-ruse.bg/b/awn-2yw-vd</a>
FRI-ONLINE-1-SW	Social Work (ONLINE) <a href="https://exam-bbb.uni-ruse.bg/b/sas-4dw-mhp">https://exam-bbb.uni-ruse.bg/b/sas-4dw-mhp</a>
FRI-ONLINE-1-MCDA	Medical and Clinical Diagnostic Activities (ONLINE) <a href="https://bbb.uni-ruse.bg/b/nik-23y-2ae">https://bbb.uni-ruse.bg/b/nik-23y-2ae</a>
FRI-ONLINE-1-HC	Health Care (ONLINE) <a href="https://bbb.uni-ruse.bg/b/gre-7cd-2y2">https://bbb.uni-ruse.bg/b/gre-7cd-2y2</a>
FRI-ONLINE-1-QHE	Quality of Higher Education (ONLINE) <a href="https://bbb.uni-ruse.bg/b/iva-9ve-hgp">https://bbb.uni-ruse.bg/b/iva-9ve-hgp</a>

**13:00 – 14:00**

*Lunch Break*

**14:00 – 16:00**

*Parallel Scientific Sessions:*

FRI-2.209-2-TMS	Transport and Machine Science (Room 2.209)
FRI-ONLINE-2-ESSIR	European Studies, Security and International Relations (Room 2G.509) <a href="https://exam-bbb.uni-ruse.bg/b/q26-qu6-x92">https://exam-bbb.uni-ruse.bg/b/q26-qu6-x92</a>

**NOVEMBER RESEARCH CONFERENCE IN RAZGRAD**

**Friday 6 November 2020**

09:00 – 13:00

*Registration – Hotel Les (around the Reception)*

11:00 – 13:00

**Opening, plenary session: ONLINE**

**Session Chair: Tsvetan Dimitrov, PhD**

**Online Moderator: Tsvetan Dimitrov, PhD; Tel:+359887631645**

<https://meet.uni-ruse.bg/b/er6-6jy-9c6>

**FRI-ONLINE-KS(R)-01:**

**Prof. Jasmina Lukinac, PhD**

Josip Juraj Strossmayer University of Osijek, Croatia

***Computer vision application in the quality evaluation of cereal-based products***

**FRI-ONLINE-KS(R)-02:**

**Assoc. Prof. Rositsa Titorenkova, PhD**

Institute of Mineralogy and Crystallography “Acad. I. Kostov”

Bulgarian Academy of Sciences

***FTIR Micro-Spectroscopy for Study in Homogenous Phase Composition and Structure of Biological Mineralizations***

**FRI-ONLINE-KS(R)-03:**

**Assoc. Prof. Cristina Popovici, PhD**

Technical University of Moldova, Republic of Moldova

***An Integrated Approach for Walnuts Industrial Processing***

14:00 – 15:30

***Parallel Scientific Events***

FRI-ONLINE-1-CT(R)

Chemical Technologies (ONLINE)

<https://meet.uni-ruse.bg/b/er6-6jy-9c6>

15:45 – 17:15

***Parallel Scientific Events:***

FRI-ONLINE-1-BFT(R)

Biotechnologies and Food Technologies (ONLINE)

<https://meet.uni-ruse.bg/b/er6-6jy-9c6>

19:30

***Cocktail***

**Saturday 07 November 2020**

09:00 – 12:00

***Parallel Poster Sessions:***

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

Chemical Technologies (ONLINE)

<https://meet.uni-ruse.bg/b/er6-6jy-9c6>

SAT-ONLINE-P-2-BFT(R)

Biotechnologies and Food Technologies (ONLINE)

<https://meet.uni-ruse.bg/b/er6-6jy-9c6>

## SESSION SCHEDULE

### OCTOBER RESEARCH CONFERENCE IN SILISTRA

Friday 16 October 2020

09:00 – 10:00

*Registration*

10:00 – 12:00

*Plenary session*

*Key speakers:*

**FRI-110-2-KS(S)-01:**

**COR MEM Prof. Hristo Beloev, DTSc DHC mult.**

Rector of University of Ruse

*Influence of the University of Ruse in the Danube Region*

**FRI-110-2-KS(S)-02:**

**Milena Damianova,**

Chairperson of the Committee on Education and Science in the 44th National Assembly of the Republic of Bulgaria

*New Generations and the Education System*

12:00 – 13:00

*Lunch Break*

13:00 – 15:30

*Parallel Sessions Room 110*

**FRI-110-1-H(S)**

**Social Sciences and Humanities**

*Session Chair: Rumyana Lebedova*

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

Functional Metathesis in the Oral Practice of the French and Bulgarian Languages

**Kirilova Veska**

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

The System of Personal Pronouns in the Romani Dialect in and Around Kârdzhali

**Ivan G. Iliev, Inan Ârmak**

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

Activeness and Aspects of Implementation of the Literary-Political Mythology of "Golden Dobrudzha"

**Rumyana Lebedova**

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

Touches on Satirical Work of Stoyan Mihaylovski

**Elitsa Raynova**

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

On the Origin of Several Personal Pronouns in Bulgarian Language - From a Balkan Point of View

**Ivan G. Iliev**

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

The Transformations of the Pedagogical School in Silistra 1890 – 1913 / 1941 – 1944 / 1945 – 1962

**Natalia Mincheva**

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

Rationality in Politics is a Mirage

**Stanislav Todorov**

FRI-110-1-H(S)-08:

Party in the Balkans

**Alina Costea**

FRI-110-1-H(S)-09:

“September” by Geo Milev – An Aspect of Implementation of the Biblical Code

**Vladislav Dimitrov**

FRI-110-1-H(S)-10:

Features of the Subordinate Circumstantial Sentences for a Discount in the Story “Unhappy Family” by Vasil Drumev

**Donka Radeva Ilieva**

FRI-110-1-H(S)-11:

On the Cult of Light and its Influence on the Christian Religion

**Ivelin Atanasov Iliev**

FRI-110-1-H(S)-12:

Clergy and Literature in the Middle Ages

**Maria Tomova-Mihneva**

FRI-110-1-H(S)-13:

For Rhythmically Organized Toposes in the Nameless Vita of John of Rila

**Todorka Georgieva**

- FRI-110-1-H(S)-14: Methodological Aspects of Acquiring Practical Skills in Development and Management of Social Project  
**Daniela Yordanova**
- 13:00 – 15:30** *Parallel Sessions Room 227*
- FRI-227-1-PPTM(S)** **Pedagogy, Psychology, and Teaching Methodology**  
*Session Chair: Diana Zhelezova-Mindizova*
- FRI-227-1-PPTM(S)-01: Distance Learning in Physical Education and Sports  
**Antoaneta Momchilova**
- FRI-227-1-PPTM(S)-02: Problems of Ecological Education of Students of the Dagestan Basic School in the Context of the Implementation of New Standards  
**Nedyurmagedov Georgy Gadzhimirzoevich, Magomedova Manadi Akhmednabievna**
- FRI-227-1-PPTM(S)-03: The Literary Education and E-Learning  
**Galina Lecheva**
- FRI-227-1-PPTM(S)-04: The Leadership Status of the Guide in the Tour Group  
**Zahariy Dechev**
- FRI-227-1-PPTM(S)-05: Competence Approach In Foreign Language Teaching Within Education 4.0  
**Diana Zhelezova-Mindizova**
- FRI-227-1-PPTM(S)-06: Language – Culture Relation and Intercultural Competence  
**Diana Bebenova-Nikolova**
- FRI-227-1-PPTM(S)-07: Creation of Electronic Tests for Checking Competencies in Distance Learning in Information Technologies  
**Evgenia Goranova**
- FRI-227-1-PPTM(S)-08: Health and Health Education in School  
**Antoaneta Momchilova**
- FRI-227-1-PPTM(S)-09: The Flipped Classroom - Benefits and Challenges  
**Milena Dimova Tsaneva**
- FRI-227-1-PPTM(S)-10: Psychological Accents for the Guide's Leadership In the Tourist Guide  
**Zahariy Dechev**
- FRI-227-1-PPTM(S)-11: What Difficulties Are There in Teacher's Work When Using Multimedia in the Process of Teaching Students  
**Vladislav Dimitrov**
- FRI-227-1-PPTM(S)-12: Let's Ask the Text - a Possible Strategy for Competence Development  
**Vanya Ignatova**
- 13:00 – 15:30** *Parallel Sessions Room 116*
- FRI-116-1-TS(S)** **Technical Sciences**  
*Session Chair: Konstantin Koev*
- FRI-116-1-TS(S)-01: Investigation the Energy Efficiency of Industrial Melting Electric Furnaces for Ferrous Metals  
**Vladislav Dimitrov**
- FRI-116-1-TS(S)-02: Investigation the Energy Efficiency of Industrial Melting Electric Furnaces for Non Ferrous Metals  
**Svetlozar Grigorov, Konstantin Koev**
- FRI-116-1-TS(S)-03: Influence of the Stroke of the Solenoid Valve on the Hydraulic Characteristics of Electromagnetic Injectors Common Rail  
**Valentin Manev, Milen Sapundzhiev**
- FRI-116-1-TS(S)-04: EU Strategy to Reduce CO<sub>2</sub> Emission From Road Transport and Approaches to its Implementation by Member States and Vehicles Manufactures  
**Milen Sapundzhiev, Valentin Manev**

**NOVEMBER RESEARCH CONFERENCE IN RUSE**

**Thursday 12 November 2020**

08:30 – 11:00

*Registration - Building 2, Lobby*

**11:00 – 13:30**

**Plenary Session - Building 2, Hall 2.101 and parallel in Hall „Werner von Siemens“ 2G.204**

**Key Speakers together with 7<sup>th</sup> International Conference on Energy Efficiency and Agricultural Engineering (EE&AE)**

**Session Chair: Assoc. Prof. Irena Valova, PhD**

<https://zoom.us/j/4554379635?pwd=Z1c2OTVrdjcrVHNlbzNvZEp3eXJjQT09>

**THURS-ONLINE-FS-01:**

**Gilles Notton, PhD**

University of Corsica Pasquale Paoli, France,  
Senior researcher

***Tilos, an Autonomous Greek Island Thanks to a Pv/Wind/Zebra Battery Plant and a Smart Energy Management System***

**THURS-ONLINE-FS-02:**

**Gabriela Cîrciumaru, PhD**

National Institute for Research and Development in Electrical Engineering ICPE-CA Bucharest, Romania,  
Senior researcher, Head of the Renewable Energy Sources and Energy Efficiency Department

***Experimental Study on the Performance of Small-Scale Wind Turbine Rotors***

**THURS-ONLINE-FS-03:**

**Assoc. Prof. Radosveta Sokullu, PhD**

Ege University, Turkey  
Head of the Telecommunications Branch

***IoT in Agriculture: Irrigation Monitoring and Control System Example***

**THURS-ONLINE-FS-04:**

**Assoc. Prof. Ludmil Stoyanov, PhD**

Technical University of Sofia, Bulgaria,  
Vice-dean of R&D and International Cooperation, French Faculty of Electrical Engineering

***Application of Renewable Energy Sources for Irrigation Power Supply in Bulgaria***

**13:30 – 14:00**

*Coffee Break, Hall 2.204 and 2.203*

**Friday 13 November 2020**

**09:00 – 13:00**

**Parallel Sessions ONLINE**

**FRI-ONLINE-1-AMT&ASVM**

**Agricultural Machinery and Technologies, Agrarian Science and Veterinary Medicine**

**Session Chair: Atanas Atanasov**

**Online Moderator: Atanas Atanasov, Tel: 0885 497 406**

<https://meet.uni-ruse.bg/b/jkz-y22-3jf>

**FRI-ONLINE-1-AMT&ASVM-01:**

Overview of Contactless Sensors Applied in Precision Agriculture  
**Asparuh Atanasov, Radko Mihajlov**

**FRI-ONLINE-1-AMT&ASVM-02:**

Agro-Engineering: Ways to Solve Environmental and Energy Problems in Agriculture

**Kravchuk Volodymyr Ivanovych, Targonya Vasyliy Serhiyovych, Nicolay Mihailov, Gaidai Tatiana Viktorivna**

**FRI-ONLINE-1-AMT&ASVM-03:**

Study of the Productive Possibilities of Spring Pea Included as a Green Manure Crop in the Crop Rotation of Cereals-Legumes-Cereals and Changes in Soil Fertility

**Todor Kertikov, Atanas Atanasov**

**FRI-ONLINE-1-AMT&ASVM-04:**

A Study on the Selectivity and Efficiency of a Group of Herbicides in “Venka 1” Wheat Variety

**Svetlana Stoyanova, Veselin Dochev, Atanas Atanasov**

- FRI-ONLINE-1-AMT&ASVM-05: A Study on Combinations of Variety Rootstocks on the Agrobiological Parameters of Zornitsa Vine Variety  
**Galina Dyakova, Ralitsa Mincheva, Svetlana Stoyanova**
- FRI-ONLINE-1-AMT&ASVM-06: Theoretical and Experimental Research of Technological Properties of the Agricultural Bridge Aggregates  
**Volodymyr Bulgakov, Stanislav Nikolaenko, Hristo Beloev, Volodymyr Kuvachov, Valerii Adamchuk, Zinovi Ruzhylo, Semjons Ivanovs**
- 09:00 – 13:00** *Parallel Sessions ONLINE*
- FRI-ONLINE-1-MR** **Maintenance and Reliability**  
*Session Chair: Mitko Nikolov*  
*Online Moderator: Mitko Nikolov, Tel: 0887 872810*  
<http://bbb.uni-ruse.bg/b/nwu-mx7-rrh>
- FRI-ONLINE-1-MR-01: Analysis of the Influence of Basic Structural Parameters on the Change of the Technical and Economic Characteristics of Internal Combustion Engines  
**Evgeni Enchev, Todor Delikostov**
- FRI-ONLINE-1-MR-02: Physico-Mechanical and Operating Properties and Indicators of Restoration Coatings  
**Plamen Kangalov, Mitko Nikolov, Jordan Valchev**
- FRI-ONLINE-1-MR-03: Production - Technological Index and Characteristics of Restoration of Worn-Out Machine Parts  
**Plamen Kangalov, Mitko Nikolov, Vladislav Stoyanov**
- FRI-ONLINE-1-MR-04: Analysis for the Machinery Maintenance Development in INDUSTRY 4.0  
**Daniel Leekasa Bekana, Kaloyan Nikolaev**
- FRI-ONLINE-1-MR-05: Spare Parts Planning Analysis Required for Maintenance of Machines  
**Daniel Leekasa Bekana, Krasimir Radev**
- FRI-ONLINE-1-MR-06: Rail Defect Analysis for Northern Bulgaria  
**Daniel Leekasa Bekana, Borislav Valchev**
- 09:00 – 13:00** *Parallel Sessions ONLINE*
- FRI-ONLINE-1-THPE** **Thermal, Hydro- and Pneumatic Equipment**  
*Session Chair: Gencho Popov*  
*Online Moderator: Plamen Manev, Tel: 0889 382 797*  
<https://meet.uni-ruse.bg/b/v49-x2n-6vf>
- FRI-ONLINE-1-THPE-01: Modeling the Characteristics of Centrifugal Pumps  
**Salaf Ibrahim**
- 09:00 – 13:00** *Parallel Sessions ONLINE*
- FRI-ONLINE-1-EC** **Ecology and Conservation**  
*Session Chair: Lyubomir Vladimirov*  
*Online Moderator: Plamen Manev, Tel: 0889 382 797*  
<https://meet.uni-ruse.bg/b/v49-x2n-6vf>
- FRI-ONLINE-1-EC-01: Design and Construction of Semi-Anechoic Chamber for Noise Analyzes  
**Nikolay Kovachev, Plamen Manev**
- FRI-ONLINE-1-EC-02: Comparative Analysis of the Sound Absorption Coefficients of Different Wall Coverings  
**Nikolay Kovachev, Plamen Manev**
- FRI-ONLINE-1-EC-03: Technology for Catching of the Planting Material and Subsequently Resettlement of Black Sea Mussels (*Mytilus Galloprovincialis*)  
**Plamen Manev, Dimitar Germanov, Anton Antonov**
- FRI-ONLINE-1-EC-04: Influence of the Rapana (*Rapana Venosa*) on the Condition of the Mussel Populations in the Water Area of the town of Primorsko  
**Diyan Georgiev, Galin Nikolov, Silviya Kalcheva, Dimitar Germanov**



- FRI-ONLINE-1-EC-05: Ecometry - Scientific Organization of Ecological Expertise and Expert Services  
**Lyubomir Vladimirov**
- FRI-ONLINE-1-EC-06: Distributions of the Time of Occurrence of the Maximum Average-Hour Concentrations of Pollutants in the Atmospheric Air  
**Lyubomir Vladimirov**
- FRI-ONLINE-1-EC-07: Dynamic Rows and Models of Sulfur Dioxide Pollution in Atmospheric Air  
**Lyubomir Vladimirov**
- FRI-ONLINE-1-EC-08: Study of the Possibilities for Recycling and Utilization of Wood Waste  
**Orlin Antonov**
- FRI-ONLINE-1-EC-09: Systems and Devices for Recovery and End of Construction Waste  
**Denitsa Hvarchilkova**

**09:00 – 13:00**

*Parallel Sessions Room ONLINE*

**FRI-ONLINE-1-ID**

**Industrial Design**

*Session Chair: Yordan Doychinov*

*Online Moderator: Yordan Doychinov, Tel: 088 727 3040*

<https://meet.uni-ruse.bg/b/vdz-qaa-hhn>

- FRI-ONLINE-1-ID-01: Research of Contemporary Presentation Technologies and the Possibilities for Their Adaptation to Academic Activities  
**Yordan Doychinov**
- FRI-ONLINE-1-ID-02: Influence of the Diameter of the Tobacco Chamber in the Smoking Pipe on the Produced Resinous Substances and Tars  
**Desislav Gechev Ivanov**
- FRI-ONLINE-1-ID-03: Models and Mock-Up in Design. Classification  
**Cvetomir Konov**
- FRI-ONLINE-1-ID-04: Academic Doctrine of Light. Esiah Concept  
**Teodor Kyuchukov**
- FRI-ONLINE-1-ID-05: Light Pollution. Light and Energy Culture of Lighting and Lighting Design  
**Teodor Kyuchukov**

**09:00 – 13:00**

*Parallel Sessions ONLINE, Room 1.417*

**FRI-ONLINE-1-MEMBT**

**Mechanical Engineering and Machine-Building Technologies**

*Session Chair: Dimitar Dimitrov*

*Online Moderator: Emil Yankov, Tel: +359 895 614 247*

<https://bbb.uni-ruse.bg/b/emi-avy-pzz>

- FRI-ONLINE-1-MEMBT-BOOK: *Plenary Session - Thread Forming. Methods, Technologies, Instrumental Provision*  
**Prof. Veliko Ivanov, DtSc**
- FRI-ONLINE-1-MEMBT-01: Numerical Simulation of Laser Beam Welding Applied to Polimers  
**Ivo Draganov**
- FRI-ONLINE-1-MEMBT-02: Simulation Driven Design of Plastic Water Tank  
**Ivelin V. Ivanov, Danail Gospodinov, Dimitar Velchev**
- FRI-ONLINE-1-MEMBT-03: Detarmination of Residual Strain in Mag Welding of a Large Structure  
**Stiliyana Mileva, Yulian Angelov, Ivo Draganov**
- FRI-ONLINE-1-MEMBT-04: Development of a Maturity Investigation System for Study of Welding Processes  
**Roussi Minew, Sasho Iliev, Nikolay Ferdinandov**
- FRI-ONLINE-1-MEMBT-05: Of the Choice of a Structural – Layout Variant of a Robotic Technological Module  
**Ivanka Peeva, Chavdar Kostadinov**
- FRI-ONLINE-1-MEMBT-06: An Investigation of Simple Piezoelectric Beams  
**Svetlin Stoyanov**

- FRI-ONLINE-1-MEMBT-07: Current Problems and Trends Relating to Ensuring the Accuracy on Turning  
**Svetlana Koleva**
- FRI-ONLINE-1-MEMBT-08: Definition of the Terms and Requirements for Effective Management of Accuracy on Turning  
**Svetlana Koleva, Milko Enchev**
- FRI-ONLINE-1-MEMBT-09: Experimental Determination of the Amplitude-Frequency Characteristics of the Mechanical Oscillations During the Milling Process  
**Dimitar Dimitrov**
- FRI-ONLINE-1-MEMBT-10: Investigation of the Influence of Technological Conditions and Environment on the Accuracy of Measurement with 3D touch Trigger Probe on a Touch Signal  
**Dimitar Dimitrov**
- FRI-ONLINE-1-MEMBT-11: Multiobjective Synthesis of Multi-Stage Gravitational Transport  
**Venko Vitliemov, Velina Bozduganova, Julian Angelov**
- FRI-ONLINE-1-MEMBT-12: The Impulse of a Force as a Highly Informative Method Aimed at Assessing the Vertical Motion  
**Christo Kostov, Ivan A. Lukanov, Pavel Petrov**
- 09:00 – 13:00**
- FRI-ONLINE-1-EEEE** **Electrical Engineering, Electronics and Automation**  
*Session Chair: Boris Evstatiev*  
*Online Moderator: Kiril Sirakov, Tel: 0889823176*  
<https://meet.uni-ruse.bg/b/ej9-xny-fh6>
- FRI-ONLINE-1-EEEE-01: Influence of the Input offset Voltage of Differential Amplifier in the Structure of an Integrating Measuring Strain Gauge Bridge  
**Svilen Stoyanov, Desislava Mihaylova, Snezhinka Zaharieva**
- FRI-ONLINE-1-EEEE-02: Design Parameters of Mosfet Solid State Relays in Focus  
**Desislava Mihaylova**
- FRI-ONLINE-1-EEEE-03: Electrocardiographic Signal Modeling in a Linear and Vector Plane  
**Aneliya Manukova**
- FRI-ONLINE-1-EEEE-04: Smart Home Control Algorithm  
**Nikolay Valov**
- FRI-ONLINE-1-EEEE-05: One Approach for Smart Home Realisation (Hardware Parts)  
**Nikolay Valov**
- FRI-ONLINE-1-EEEE-06: Energy Losses from Supercapacitor Banks Used in Autonomous PV Powered Irrigation Systems  
**Boris Evstatiev, Katerina Gabrovska-Evstatieva**
- FRI-ONLINE-1-EEEE-07: Optical Test Methods Application for Determination of Physical and Chemical Properties of Engine Oils  
**Albena Ivanova-Vasileva**
- FRI-ONLINE-1-EEEE-08: Evaluation of the Applicability of an Optical Method for Measuring Main Quality Parameters of Soils  
**Antonina Mihaylova, Tsvetelina Georgieva, Plamen Daskalov**
- FRI-ONLINE-1-EEEE-09: Study of Specific Indicators Characterizing the Consumption of Electricity in Single Family Houses for a Five-year Period  
**Vyara Ruseva**
- FRI-ONLINE-1-EEEE-10: Opportunities for Application of Photovoltaics of Typical Residential Buildings in the City of Ruse  
**Todor Yordanov**
- FRI-ONLINE-1-EEEE-11: Review of Methods for Eggshell Defects Detection and Quality Grading  
**Emil Stefanov, Tsvetelina Georgieva, Plamen Daskalov**

FRI-ONLINE-1-EEEE-12: Justification of the EGG Sorting Algorithm by Category Based on the Method of Fuzzy Sets  
**Aidar Moldazhanov, Jakhfer Alikhanov, Akmaral Kulmakhambetova, Azimzhan Azizov, Zinchenko Dmitry, Plamen Daskalov**

**09:00 – 13:00**

**Parallel Sessions Room ONLINE**

FRI-ONLINE-1-CCT1

**Communication and Computer Technologies**

*Session Chair: Galina Ivanova*

*Online Moderator: Yuksel Aliev, Tel: 0877 541 384*

<https://exam-bbb.uni-ruse.bg/b/gal-ejr-qkd>

FRI-ONLINE-1-CCT1-01:

Implementation of the CSP Semantics of Inter-Process Communications Using the C++11 Standard Library

**Milen Loukantchevsky**

FRI-ONLINE-1-CCT1-02:

Comparative Analysis of Test-Driven Development and Acceptance Test-Driven Development

**Lachezar Yordanov, Teodora Yordanova**

FRI-ONLINE-1-CCT1-03:

Results of Done E-Learning in the Conditions of Covid

**Lachezar Yordanov**

FRI-ONLINE-1-CCT1-04:

A Mobile Application for Visualization of Interactive Digital Textbooks

**Elitsa Ibryamova**

FRI-ONLINE-1-CCT1-05:

Analysis of Students' Attitudes Towards Different Types of Learning

**Tsvetelina Mladenova, Yordan Kalmukov, Irena Valova**

FRI-ONLINE-1-CCT1-06:

Research of Some Specifics of Modern Environments for Automated Software Installation and Implementation

**Vladislav Hinkov, Georgi Krastev**

FRI-ONLINE-1-CCT1-07:

Research of the Creative Intel Realsense SR300 for Human-Machine Interaction

**Ivan Ralev**

FRI-ONLINE-1-CCT1-08:

Comparative Analysis of Activation Functions used in Deep Neural Networks Training

**Martin Kaloev**

FRI-ONLINE-1-CCT1-09:

An Architectural Solution for Mediation and Optimizing Work Efficiency Between the Enterprise Resource Planning and the Transport Control Systems

**Iliya Draganov, Svetlana Stefanova**

FRI-ONLINE-1-CCT1-10:

Analysing the Impact of the Introduction of a Virtual Learning Environment for Measuring 3D Instruments to Mechanical Engineering Students

**Vasil Kozov, Galina Ivanova, Aleksandar Ivanov**

FRI-ONLINE-1-CCT1-11:

Web Based Learning Tool of Hamming Code in Matrix Form

**Yuksel Aliev, Galina Ivanova**

FRI-ONLINE-1-CCT1-12:

Investigation of the Efficiency of Different Methods for Data Storage and Data Processing in the Java Programming Language

**Georgi Georgiev**

**09:00 – 13:00**

**Parallel Sessions Room ONLINE**

FRI-ONLINE-1-CCT2

**Communication and Computer Technologies**

*Session Chair: Georgi Hristov*

*Online Moderator: Ivanka Tsvetkova, Tel: 0886 209693*

<https://exam-bbb.uni-ruse.bg/b/gal-fpd-txm>

FRI-ONLINE-1-CCT2-01:

Stem and ICT Education Outside the Classroom and How to Foster it for Better Student's Skills

**Nina Bencheva**

FRI-ONLINE-1-CCT2-02:

A Survey of Methods for Increasing the Accuracy of Digital Elevation Models, Created by Processing the Information from UAVs

**Monika Bedzheva, Dimitar Marinov**

- FRI-ONLINE-1-CCT2-03: Modeling of Queuing Systems to Determine Basic Operating Parameters  
**Chavdar Kostadinov, Kristina Krumova, Veselina Aleksandrova, Ivan Hristozov**
- FRI-ONLINE-1-CCT2-04: Models of Influence of Information System on Management System  
**Kamen Kalchev, Krasimir Dimitrov, Ivan Chakarov, Dimitar Dimitrov**
- FRI-ONLINE-1-CCT2-05: Theoretical Basis of a Methodology for Conducting Empirical Sociological Studies on the Efficiency of Operation of the Cadastre Information System  
**Petina andreeva, Mihail Iliev**
- FRI-ONLINE-1-CCT2-06: Technology for Applying a Methodology for Conducting Empirical Sociological Surveys of the Effectiveness of the Cadastre Information System  
**Petina Andreeva**
- FRI-ONLINE-1-CCT2-07: A Methodology for Estimating the Accuracy of Primary Photogrammetric Information, Obtained by UAVs  
**Monika Bedzheva, Teodora Ignatova**
- FRI-ONLINE-1-CCT2-08: Experimental Exploration of the Accuracy of Primary Photogrammetric Information, Obtained by UAVs  
**Monika Bedzheva, Stefan Dobrev**
- FRI-ONLINE-1-CCT2-09: Voice Classification by Artificial Neural Networks with LM and SCG Algorithms  
**Ivelina Balabanova, Georgi Georgiev**
- FRI-ONLINE-1-CCT2-10: An Overview of the Recent Standards and Security Technologies for Wireless Local Area Networks  
**Petar Stoilov**
- FRI-ONLINE-1-CCT2-11: A Comparison of Active Learning Methods when Investigating Amplitude Modulation  
**Ivanka Tsvetkova, Adriana Borodzhieva**
- FRI-ONLINE-1-CCT2-12: Implementation of a Magnitude Comparator Using Computer-Based Tools  
**Diego Fierro Álvarez, Adriana Borodzhieva**
- FRI-ONLINE-1-CCT2-13: Analysis of Different Types of Neural Networks and their Application to Real-World Challenges  
**Georgi Georgiev, Georgi Hristov, Plamen Zahariev, Diyana Kinaneva**
- FRI-ONLINE-1-CCT2-14: Building a Centralized Smart City System for Urban Mobility Management and Solving Problems Related to Parking Areas, Public Transport and Eco-transport Part 1 - Smart City Intelligent System in the Blue and Green Parking Zone  
**Ivan Kolev, Georgi Hristov, Plamen Zahariev**
- FRI-ONLINE-1-CCT2-15: Building a Centralized Smart City System for Urban Mobility Management and Solving Problems Related to Parking Areas, Public Transport and Eco-transport Part 2 - Smart City Intelligent System in the Blue and Green Parking Zone  
**Ivan Kolev, Georgi Hristov, Plamen Zahariev**
- FRI-ONLINE-1-CCT2-16: Building a Centralized Smart City System for Urban Mobility Management and Solving Problems Related to Parking Areas, Public Transport and Eco-transport Part 3 - Smart City Intelligent System in the Blue and Green Parking Zone  
**Ivan Kolev, Georgi Hristov, Plamen Zahariev**

09:00 – 13:00

*Parallel Sessions Room 2.209*

**FRI-2.209-1-TMS**

**Transport and Machine Science**

*Session Chair: Antoaneta Dobрева*

*Online Moderator: Simeon Iliev, Tel: 0878333922*

<https://meet.uni-ruse.bg/b/4g4-mju-qth>

FRI-2.209-1-TMS-01:

Digital Transformation Dynamics in Higher Education

**Antoaneta Dobрева, Vasko Dobrev**

FRI-2.209-1-TMS -02:

Case Studies in Machine Design Theory

**Amalia Armas, Daniel Blanco Cortés, Gergana Mollova**

FRI-2.209-1-TMS -03:

Cad Systems Applications Developing Gear Drives

**Gergana Mollova**

FRI-2.209-1-TMS -04:

Training and Evaluation in Engineering Graphics of Students in Electronic Environment

**Vyarka Ronkova**

FRI-2.209-1-TMS -05:

Cad Systems - for the Digitalization of the Study Material for Engineering Specialties in Higher Education

**Yordanka Dimitrova**

FRI-2.209-1-TMS -06:

Analysis of the State and Development of Intermodal Transport of Goods in Europe

**Yordanka Dimitrova, Mladen Kulev**

FRI-2.209-1-TMS -07:

Strength Research of a Gear from a Car Gearbox

**Yuliy Dimitrov, Yordanka Dimitrova**

09:00 – 13:00

*Parallel Sessions Room 2.204, ONLINE*

**FRI-2.204-1-SITST**

**Sustainable and Intelligent Transport Systems, Technologies and Logistics**

*Session Chair: Velizara Pencheva*

*Online Moderator: Asen Asenov (Tel: 0888870035) and*

*Daniel Lyubenov (Tel: 0888955240)*

<https://meet.uni-ruse.bg/b/ye2-hwt-wdj>

FRI-2.204-1-SITST-01:

Perspectives for the Development of Urban Mobility and Logistics

**Asen Asenov**

FRI-ONLINE-1-SITST-02:

Road Traffic Parameters Investigation on the Route in the City of Sofia Using the Mobile Observer Method

**Durhan Saliev, Vladimir Madjarski**

FRI-ONLINE-1-SITST-03:

Logistics Approach in Short Supply Chains

**Nikolina Dragneva**

FRI-ONLINE-1-SITST-04:

Application of Anylogistix in Transport Chain Management

**Milena Mratsenkova, Katerina Vasileva**

FRI-2.204-1-SITST-05:

Methods for Risk Assessment of Vessels Visiting Danube Port Terminals

**Kamen Ivanov**

FRI-2.204-1-SITST-06:

Feasibility Study on Inland Container Freight Stations for Empty Container Haulage Optimization and Quality Improvement of Export and Import Logistics in Bulgaria

**Boril Ivanov**

FRI-2.204-1-SITST-07:

Research of the Development of Logistics Warehouses and Their Role in the Work of the 3pl Operator

**Ivan Petrov**

FRI-ONLINE-1-SITST-08:

Study of the Noise Level from the Vehicles in Sofia

**Georgi Mladenov, Iliyan Damyanov**

FRI-2.204-1-SITST-09:

Infrastructure Solutions for Sustainable Development of Bicycle Transport

**Toncho Balbuzanov**

- FRI-2.204-1-SITST-10: Research of Good Practices for Improving the Condition of the Pedestrian Infrastructure in the City of Ruse  
**Toncho Balbuzanov**
- FRI-2.204-1-SITST-11: A Study of the Dynamic Properties of Individual Electric Vehicle  
**Filip Kirilov, Daniel Lyubenov**
- FRI-2.204-1-SITST-12: The Potential of the Shared Vehicle Model for Sustainable Mobility in Cities  
**Velizara Pencheva**
- 10:00 – 13:00** *Parallel Sessions Room ONLINE, 2B.412*
- FRI-ONLINE-1-EM1** **Economics and Management 1**  
*Session Chair: Anton Nedyalkov, PhD*  
*Online Moderator: Igor Sheludko, Ttel: 0883558618*  
<https://meet.uni-ruse.bg/b/une-kze-fwa>
- FRI-2B.412-1-EM1-01: Main Aspects of the Development of Science “Quality Management”  
**Kiril Kirov, Kalin Proinov**
- FRI-2B.412-1-EM1-02: Analysis of the Stages of Development of Quality Management  
**Kiril Kirov, Kalin Proinov**
- FRI-ONLINE-1-EM1-03: Literature Review on Integrated Systems for Quality Management, Environment and Health and Safety at Work in the Mining Industry  
**Neli Babekova, Pavel Vitliemov**
- FRI-ONLINE-1-EM1-04: Process Effectiveness or Process Efficiency: Which Indicator is More Important for Organizations?  
**Anton Nedyalkov**
- FRI-ONLINE-1-EM1-05: Analysis Efficiency and Effectiveness with Lean Toolbox in Service Providing Companies  
**Adriana Simeonova**
- FRI-ONLINE-1-EM1-06: Theoretical Aspects of Production Infrastructure at Industrial Enterprises  
**Vasil Tanev, Anton Nedyalkov**
- FRI-ONLINE-1-EM1-07: Literature Review on Business Intelligence Systems for Analysis of Manufacturing Process  
**Georgi Georgiev, Pavel Vitliemov**
- FRI-ONLINE-1-EM1-08: The Use of System Dynamics Modelling for Innovation Risk Management  
**Ivelina Lyubenova, Milena Kirova**
- FRI-2B.412-1-EM1-09: Business Models and Monetization of Video Games  
**Elizar Stanev**
- FRI-ONLINE-1-EM1-10: The Influence of Individual Differences on Personal Behaviour in Organizational Environment  
**Krasimira Zagorova**
- FRI-ONLINE-1-EM1-11: Some Challenges Upon Higher Education in the Autumn of 2020  
**Miglana Pencheva**
- FRI-ONLINE-1-EM1-12: Aspects of Management of Consumer Behaviour Towards Educational Product  
**Svilena Ruskova, Svilen Kunev, Bozhana Stoycheva**
- FRI-2B.412-1-EM1-13: For Marketing Board of Beekeeping from Ruse Region  
**Lyubomir Lyubenov**
- FRI-ONLINE-1-EM1-14: Research of the Interconnection Between: Social Class Belonging and Organic Food Consumption  
**Svilena Ruskova, Bozhana Stoycheva**
- FRI-ONLINE-1-EM1-15: Cluster Research on the Influence of Social Classes to the Bulgarian Organic Food Market  
**Svilena Ruskova, Bozhana Stoycheva**
- FRI-ONLINE-1-EM1-16: Methodology for the Study of Burnout Syndrome in the Field of Healthcare

- Svilena Ruskova, Ivalina Ruseva**
- FRI-ONLINE-1-EM1-17: Empirical Study of Burnout Syndrome in the Field of Healthcare  
**Svilena Ruskova, Ivalina Ruseva**
- FRI-ONLINE-1-EM1-18: Environment Protection as a Manifestation of Corporate Responsibility of “Kozloduy” NPP EAD  
**Irina Kostadinova**
- FRI-ONLINE-1-EM1-19: Tools Representing the Relationship Between Anxiety, Creativity, Innovation: Metadata Analysis  
**Silvia Beloeva, Diana Antonova**
- 10:00 – 13:00** *Parallel Sessions Room ONLINE, 2G.404*
- FRI-ONLINE-1-EM2** **Economics and Management 2**  
*Session Chair: Kamelia Assenova,*  
*Online Moderator: George Georgiev; Tel.: 0888 035 061*  
<https://exam-bbb.uni-ruse.bg/b/vme-m6r-mjt>
- FRI-ONLINE-1-EM2-01: Covidization of the Economy: Possible Strategies of the Companies in Decreasing Market Demand  
**Radko Radev, Simeon Kolyandov, Yassen Deyanov**
- FRI-ONLINE-1-EM2-02: Covidization of the Economy: Influence of COVID-19 on Companies’ Market Potential  
**Radko Radev, Simeon Kolyandov, Yassen Deyanov**
- FRI-2G.404-1-EM2-03: Effects of COVID-19 on the Banking Sector – Evidence for Bulgaria  
**Kamelia Assenova**
- FRI-ONLINE-1-EM2-04: Covid-19 and the Risk of Deflation for the Bulgarian Economy  
**Emil Trifonov, Georgi Georgiev**
- FRI-ONLINE-1-EM2-05: Covid-19 and Digitalisation – Some Challenge and Opportunity for the European Economy  
**Alexander Petkov p.m.a., Monika Varbanova**
- FRI-2G.404-1-EM2-06: Research on the Attitudes Towards Education in Crises Management in Era of Digital Economy  
**Daniel Pavlov, Miroslava Boneva**
- FRI-2G.404-1-EM2-07: Exposure of European Countries to Contemporary Asymmetric Shocks  
**Petar Penchev**
- FRI-2G.404-1-EM2-08: Differences Between Countries which Can be Corrected with an Independent Monetary Policy  
**Petar Penchev**
- FRI-ONLINE-1-EM2-09: New Trends in Natural Resources Productivity in Bulgaria  
**Dafina Doneva**
- FRI-2G.404-1-EM2-11: The Bulgarian Labour Market – Regional Differences During the Period 2013-2018  
**Aleksandar Kosuliev**
- FRI-ONLINE-1-EM2-11: The Minimum Wage and Minimum Wage Employment in the Ruse District During the Period 2007-2017  
**Aleksandar Kosuliev**
- FRI-ONLINE-1-EM2-12: Opportunities for Optimization of the Territorial Organization of Bulgaria as a Factor for Regional Development  
**Kamen Petrov**
- FRI-ONLINE-1-EM2-13: Model of Growth of Small Firms with Trademark Property Rights  
**Neli Rasheva**
- FRI-ONLINE-1-EM2-14: Opportunities for Interaction Among Intrapreneurs in a Small Industrial Company  
**Denitsa Fileva, Daniel Pavlov**

**10:00 – 12:30**

*Parallel Sessions Room ONLINE, 2G.509*

**FRI-ONLINE-1-ESSIR**

**European Studies, Security and International Relations**

*Session Chair: Vladimir Chukov*

*Online Moderator: Krasimir Koev, Tel.: 0887 688 130*

<https://exam-bbb.uni-ruse.bg/b/q26-qu6-x92>

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

Complexity and Contradictions of Radicalization

**Vladimir Chukov**

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

Soft Power of States in Times of Crisis. the Case of COVID-19 Pandemic

**Krasimir Koev**

FRI-2G.509-1-ESSIR-03:

Lobbying and National Security: Rethinking the Non-legitimized Communication Practices and Their Impact on National Security

**Nataliya Venelinova**

FRI-ONLINE-1-ESSIR-04:

Iraqi Kurdistan after the Referendum for Independence

**Yacub Al Ateeqi**

FRI-ONLINE-1-ESSIR-05:

Energy Leadership Battle of Natural Gas in the Current Context of Cold Peace

**Blagovest Nikolov**

FRI-ONLINE-1-ESSIR-06:

Russian Geopolitical Thought and Their Impact on the Russian Foreign Policy

**Valentin Popov**

FRI-ONLINE-1-ESSIR-07:

European Union Foreign Policy regarding the Crisis in Ukraine

**Valentin Popov**

FRI-ONLINE-1-ESSIR-08:

EU Court of Justice in a Political Role. Analysis of Decisions on Refugee Cases

**Milena Dimitrova**

FRI-ONLINE-1-ESSIR-09:

Dilemmas of EU Migration Policy

**Krasimir Kornazhev, Milena Dimitrova**

FRI-ONLINE-1-ESSIR-10:

Results of Bulgarian Presidency of EUSR

**Ina Kirilova**

FRI-ONLINE-1-ESSIR-11:

European-Israeli Political Relations by the End of the Cold War

**Mahmoud Zahra**

FRI-ONLINE-1-ESSIR-12:

Border Security Governance. a Diachronic and Synchronic Analysis

**Krasimir Kornazhev**

**12:30 – 15:00**

*Parallel Sessions Room ONLINE, 2G.509*

**FRI-ONLINE-2-ESSIR**

**European Studies, Security and International Relations**

*Session Chair: Mimi Kornazheva*

*Online Moderator: Krasimir Koev, Ttel.: 0887 688 130*

<https://exam-bbb.uni-ruse.bg/b/q26-qu6-x92>

FRI-2G.509-2-ESSIR-01:

EU Long-Term Green Policies through the Prism of Adaptive University Governance

**Mimi Kornazheva**

FRI-2G.509-2-ESSIR-02:

Twenty Five Years of Human Security Policies. Analysis of Global, Regional and National Levels of Governance

**Mimi Kornazheva, Boryana Stancheva, Krassimir Kornazhev**

FRI-2G.509-2-ESSIR-03:

Governing Sustainable Development of Ruse: Impact of EU 2014-2020 Cohesion Policy on the Bulgarian Capital along the Danube

**Strahil Karapchanski**

FRI-2G.509-2-ESSIR-04:

Liberal Democracy Deficits at National Level of Governance as Viewed from EU Perspective

**Boryana Stancheva**

FRI-2G.509-2-ESSIR-05:

Theories on Separatism as a Challenge to State Governance

**Eva Parvanova**



- FRI-ONLINE-2-ESSIR-06: An Attempt to Operationalize the concept of RESILIENCE in the Context of European Security Strategic Governance  
**Nikolay Tsolev**
- FRI-ONLINE-2-ESSIR-07: National Security Governance Deficits in Terms of Resilience  
**Nikolay Tsolev**
- FRI-ONLINE-2-ESSIR-08: Multi-Level Governance Potential for the Protection of Cultural Diversity in the European Union  
**Esin Veysalova**
- FRI-ONLINE-2-ESSIR-09: Multi-level Governance Approaches to Policy Making in the European Union  
**Yordan Petrov**
- FRI-ONLINE-2-ESSIR-10: European Union Policy Making in the Framework of Multi-level Governance  
**Yordan Petrov**
- FRI-ONLINE-2-ESSIR-11: United Nations Contribution to Global Governance of Counterterrorism  
**Etien Kornazhev, Petar Marinov**
- FRI-ONLINE-2-ESSIR-12: Research of the Degree of the Influence of the ONLINE Media on the Public Opinion  
**Elitsa Ilieva, Daniel Pavlov**
- FRI-ONLINE-2-ESSIR-13: Research of the Public Attitude About the Influence of the ONLINE Media on the National Security of the Republic of Bulgaria  
**Elitsa Ilieva, Daniel Pavlov**

**14:00 – 16:00**

*Parallel Sessions ONLINE, 2G.509*

**FRI-ONLINE-1-LIPC**

**Linguoculturology, Intercultural and Political Communication**  
*Session Chair: Juliana Popova*

*Online Moderator: Hristina Sokolova, Ttel: 0878 537 015*

<https://exam-bbb.uni-ruse.bg/b/7cm-xz3-hkw>

FRI-ONLINE-1-LIPC-01:

Political and Socio-Cultural Factors and Their Influence on the Value Hierarchy

**Rozalina Bozhilova-Kouncheva**

FRI-ONLINE-1-LIPC-02:

Fighting COVID-19: National Measures and Their Cultural Roots  
**Hristina Sokolova**

**09:00 – 13:00**

*Parallel Sessions ONLINE*

**FRI-ONLINE-1-MIP**

**Mathematics, Informatics and Physics**

*Session Chair: Tsvetomir Vasilev*

*Online Moderator: Tsvetomir Vasilev, Tel: 0888 270326*

<https://exam-bbb.uni-ruse.bg/b/tzv-vtc-rae>

FRI-ONLINE-1-MIP-01:

Solving Partial Differential Equations Under Boundary and Initial Conditions Via Laplace Transform

**Julia Chaparova**

FRI-ONLINE-1-MIP-02:

An android App “From tourists by tourists”

**Valentin Velikov, Petar Velikov**

FRI-ONLINE-1-MIP-03:

Review of Several Techniques for Accelerating Physical Simulations on the GPU

**Tsvetomir Vassilev**

FRI-ONLINE-1-MIP-04:

Implementation of Mind Maps in Interdisciplinary Training in Information Technologies and Literature

**Svetlozar Tsankov, Mira Dushkova,**

FRI-ONLINE-1-MIP-05:

Predictive Analysis and Evaluation of the Bulgarian Economy’s Most Significant Indicators

**Slavi Georgiev, Byulent Idirizov**

FRI-ONLINE-1-MIP-06:

Application of the Block Maxima Method in Analysis of Crude Brent Oil Futures, Using Matlab

**Byulent Idirizov, Iliya Bryanov**

- FRI-ONLINE-1-MIP-07: Statistical Study of the Relationship Between the Quality of Partnerships and the Degree of Life Satisfaction  
**Stefka Karakoleva,**
- FRI-ONLINE-1-MIP-08: Use of Cloud Technologies for Training and Test Control on the topic "Basic Combinatorial Concepts" in Eighth Grade  
**Stefka Karakoleva, Petya Guteva**
- FRI-ONLINE-1-MIP-09: Use of Cloud Technologies for Training and Test Control on the topic "Elements of Probabilities and Statistics" in Seventh Grade  
**Stefka Karakoleva, Stanislav Ivanov**
- 09:00 – 13:00**
- FRI-ONLINE-1-PP** **Pedagogy and Psychology**  
*Session Chair: Bagryana Ilieva*  
*Online Moderator: Lora Radoslavova, Tel: 0889 699 115*  
<https://exam-bbb.uni-ruse.bg/b/96a-unh-gaj>
- FRI-ONLINE-1-PP-01: Development of the Mental Operation Classification in Pre-Shchool Children  
**Asya Veleva**
- FRI-ONLINE-1-PP-02: Social-Pedagogical Support for the Elderly and the Elderly Through Social Services in the Community - Need and Challenge  
**Bagryana Ilieva, Assistant Dima Spasova**
- FRI-ONLINE-1-PP-03: Roma Girls and Women – Issues and Opportunities for Support of Their Education  
**Denitsa Alipieva**
- FRI-ONLINE-1-PP-04: Functional Characteristics of the Institutional Educational Environment in the Formation of Intercultural Competence in Adolescents  
**Desislava Stoyanova**
- FRI-ONLINE-1-PP-05: Inclusive Education for Children of Preschool Age Through the Bulgarian Children's Folklore Games  
**Julia Doncheva, Ekaterina Ivanova**
- FRI-ONLINE-1-PP-06: Art and Craft Approaches Applied in Education and Development of Children with Intellectual Disorders  
**Katerina Zlatkova-Doncheva**
- FRI-ONLINE-1-PP-07: Theories and Approaches for Structuring of the Educational Content  
**Lora M. Radoslavova**
- FRI-ONLINE-1-PP-08: Contemporary Dimensions of the Principles of Intercultural Education  
**Neli Il. Boiadjieva**
- FRI-ONLINE-1-PP-09: Involvement of Parents of Children with Special Educational Needs (Sen) in Socio-Pedagogical Activities in Support of Their Successful Social Realization  
**Valentina Vasileva, Teodora Gerganova**
- FRI-ONLINE-1-PP-10: Conceptual Approaches in Defining the Goals, Tasks, Content and Organization of Intercultural Education in Preschool and School Education  
**Valentina Vasileva, Teodora Gerganova**
- FRI-ONLINE-1-PP-11: Project Based Learning in an Intercultural Environment Through Etwinning  
**Galina Georgieva**
- FRI-ONLINE-1-PP-12: Manifestations of Ethnic Identity Against the Backdrop of Emigration  
**Liana Atanasova Student**
- FRI-ONLINE-1-PP-12: Digital Interaction through Tales between the Family, Children and Teachers to Support Children's Competence  
**Sonia G. Georgieva, Eli Nikolova**
- 09:00 – 13:00**
- FRI-ONLINE-1-LL** **Linguistics and Literature**

*Session Chair: Velislava Doneva*

*Online Moderator: Velislava Doneva, Tel: 0886 060 299*

<https://us04web.zoom.us/j/6314611859?pwd=K2dsWU9ONXA2NWdhZGY4RHZMVk1UZz09>

- FRI-ONLINE-1-LL-01 Ilarion Stoyanov's Views on the New Bulgarian Language  
**Ivo Bratanov**
- FRI-ONLINE-1-LL-02 Phraseology and Phraseodidactics – Current Issues of Teaching Modern Bulgarian Language  
**Emilia Nedkova**
- FRI-ONLINE-1-LL-03 The Theory of Language Personality: Definition of the Linguistic Phenomenon  
**Niya Peneva**
- FRI-ONLINE-1-LL-04 The Microtheme as Tertium Comparationis in Linguocultural Comparative Analyses of Short Humorous Texts  
**Tanya Borisova**
- FRI-ONLINE-1-LL-05 Aesthetic Challenges to the Bulgarian Theater At its Encounter with Modern European Drama At the Beginning of 20 Th Century  
**Velislava Doneva**
- FRI-ONLINE-1-LL-06 Religion and the Religious in the Publications Of Konstantin Galabov and Teodor Milev In Iztok and Strelets  
**Kamen Rikev**
- FRI-ONLINE-1-LL-07 Xdestiny and Dream in Two Texts of Bulgarian Literature of the 70s (Observations on the Novel Short Sun by Stanislav Stratiev and My Neanderthal by Yanko Stanoev)  
**Zvezdelina Bratanova, Marina Bratanova**

**09:00 – 13:00**

*Parallel Sessions ONLINE*

**FRI-ONLINE-1-AS**

**Art Studies**

*Session Chair: Velislava Doneva*

*Online Moderator: Petia Stefanova, Tel 0896 820 470*

<https://us04web.zoom.us/j/6314611859?pwd=K2dsWU9ONXA2NWdhZGY4RHZMVk1UZz09>

- FRI-ONLINE-1-AS-01 Surround Sound in Documentary Film  
**Tsvetelina Tsvetkova**
- FRI-ONLINE-1-AS-02 General Acoustic Features of Wood Wind Instruments  
**Pavel Stefanov**
- FRI-ONLINE-1-AS-03 Symbiosis Between Music and Rhythm of the Movie  
**Nina Altaparmakova**
- FRI-ONLINE-1-AS-04 Comparative Test of the Summing Capabilities of the Most Common DAW Software Used for Dubbing in Bulgaria  
**Stefan Makedonski**
- FRI-ONLINE-1-AS-05 Innovative Approaches in Music Education: the Doll as a Symbol and Didactic Instrument  
**Petya Stefanova**

**09:00 – 13:00**

*Parallel Sessions ONLINE*

**FRI-ONLINE-1-ERI**

**Education - Research and Innovations**

*Session Chair: Emilia Velikova*

*Online Moderator: Petia Stefanova, Tel: 0885 635 847*

<https://bbb.uni-ruse.bg/b/emi-a7x-rjt>

- FRI-ONLINE-1-ERI-1 Betting on Answers as a Way of Engaging Students  
**Aleksandar Kosuliev, Elizar Stanev**
- FRI-ONLINE-1-ERI-2 Gamification of the Classroom: a Quiz-Like Game with Strategic Choices and Player Interaction  
**Aleksandar Kosuliev**

- FRI-ONLINE-1-ERI-3 The School as a Factor for Overcoming Poverty and Social Exclusion of Children  
**Daniela Racheva**
- FRI-ONLINE-1-ERI-4 Testing of Mathematical Knowledge in Distance Educational Environment  
**Emiliya Velikova, Ralitsa Vasileva-Ivanova**
- FRI-ONLINE-1-ERI-5 The Idea of Simplicity in Knowledge and Training in Natural Sciences  
**Boryana Todorova**
- FRI-ONLINE-1-ERI-6 Digital Interaction Through Tales Between the Family, Children and Teachers to Create Learning Skills  
**Eli Nikolova**
- FRI-ONLINE-1-ERI-7 Diagnostics of Educational Mathematics Achievements with Dynamical Tools  
**Emiliya Velikova, Ralitsa Vasileva-Ivanova, Magdalena Petkova**
- FRI-ONLINE-1-ERI-8 Circle Described Around a Triangle - Study Material for Distance form of Learning  
**Anna Lecheva, Veselina Evtimova, Eleonora Panayotova**
- FRI-ONLINE-1-ERI-9 Achievements of the High School of Mathematics "Nikola Obreshkov" Kazanlak  
**Diana Dimitrova, Antoaneta Mihova, Tsetska Rashkova**
- 09:00 – 13:00**
- FRI-ONLINE-1-LS** **Law Studies**  
*Session Chair: Elitsa Kumanova*  
*Online Moderator: Elitsa Kumanova, Tel: 0884 980 050*  
<https://meet.uni-ruse.bg/b/xyv-3fk-nh7>
- FRI-ONLINE-1-LS-01: The International Treaty as a Source of Obligations for the State  
**Maria Zheleva**
- FRI-ONLINE-1-LS-02: Basic Issues of Forensic Psychiatric Examination in a Child Dispute  
**Elitsa Kumanova, Nikolina Angelova**
- FRI-ONLINE-1-LS-03: The Essence of the Concept of Sovereignty According to Georg Jellinek  
**Ivelin Velchev**
- FRI-ONLINE-1-LS-04: Restriction of Fundamental Rights in the Context of a State of Emergency. General Theoretical Aspects  
**Doroteya Dimova-Severinova**
- FRI-ONLINE-1-LS-05: Time Measuring in Legal Discourse  
**Yordan Yordanov**
- FRI-ONLINE-1-LS-06: Reasons for the Termination of Mayors' Prerogatives in the Context of Decision Number 13 of the Constitutional Court from 2020  
**Zornitsa Yordanova**
- FRI-ONLINE-1-LS-07: Ensuring the Truth in the Administrative-Criminal Procedure  
**Diliyana Kalinova**
- FRI-ONLINE-1-LS-08: Features of the Resumption of Administrative Proceedings as an Extraordinary Control Method in the Administrative Proceedings  
**Mariela Velikova**
- FRI-ONLINE-1-LS-09: Electronic Administrative Services by Presenting E-Government Acts in the Republic of Korea and the Republic of Bulgaria  
**Anelia Tsvetanova-Mincheva**
- FRI-ONLINE-1-LS-10: The Concept of "Aggressive Tax Planning" And Eu Anti Tax Avoidance Package  
**Elina Marinova**
- FRI-ONLINE-1-LS-11: Harmful Tax Competition as topical Issue of Eu Tax Policy  
**Elina Marinova**
- FRI-ONLINE-1-LS-12: Legal, Economic and Social Effect of Reduced Vat Rate in Bulgaria  
**Vanya Panteleeva**

- FRI-ONLINE-1-LS-13: Scope of the Term „Public Enterprise“ Under the Public Enterprises Act  
**Anastas Georgiev**
- FRI-ONLINE-1-LS-14: Legal Regulation of Public Enterprises in Bulgaria- General Characteristics  
**Anastas Georgiev**
- FRI-ONLINE-1-LS-15: The Contract of Agency  
**Anna Nikolova**
- FRI-ONLINE-1-LS-16: Problems of the Content of the Agreement for Divorce by Mutual Consent  
**Ventsislav Petrov**
- FRI-ONLINE-1-LS-17: The Proprietary Protection Under French and German Law  
**Sergey Kalinkov**
- FRI-ONLINE-1-LS-18: Responsibility of the Consumer for Incorrect Handling of Goods and Refusal to Provide Services Under the Distance Contract Under the Consumer Protection Act  
**Yoana Kaneva**
- FRI-ONLINE-1-LS-19: Court Proceedings for Removal of a Child from His Biological Family  
**Denitsa Petrova**
- FRI-ONLINE-1-LS-20: Legal Aspects of the Social and Solidarity Economy  
**Plamen Petkov**
- FRI-ONLINE-1-LS-21: Capital of a Limited Liability Company with Shares  
**Mihail Milanov**
- FRI-ONLINE-1-LS-22: Legal and Agreed Redundancy Selection Criteria  
**Maria Radeva**
- FRI-ONLINE-1-LS-23: On Certain Specifics of the Provisions of the Health and Safety At Work Act in the Light of Directive / 89/391 / Eec  
**Mariyana Shirvanyan**
- FRI-ONLINE-1-LS-24: Problems in Imposing Disciplinary Sanctions on a Worker Under 18 Years of Age  
**Vladimir Danev**
- 09:00 – 13:00** *Parallel Sessions ONLINE*
- FRI-ONLINE-1-NS** **National Security**  
*Session Chair: Milen Ivanov*  
*Online Moderator: Kremena Rayanova, Tel: 082 888736*  
<https://exam-bbb.uni-ruse.bg/b/kre-ztf-vc2>
- FRI-ONLINE-1-NS-01: The Constitutional Debate in Bulgaria 1956 - 1971 - Main Stages  
**Nikolay Prodanov**
- FRI-ONLINE-1-NS-02: Changes in the International Environment and New Security Threats  
**Kremena Rayanova**
- FRI-ONLINE-1-NS-03: Between Real and Virtual Life or Internet and Computer Addiction  
**Elitsa Kumanova, Nikolina Angelova**
- FRI-ONLINE-1-NS-04: Legitimate Actions of the Bodies of the Ministry of Interior in Case of Mass Violation of Public Order  
**Milen Ivanov,**
- FRI-ONLINE-1-NS-05: Functional Characteristic of the Punishment  
**Svetlinantonov**
- FRI-ONLINE-1-NS-06: Procedural and Tactical Features of the Interview of Women Victims of Domestic Violence  
**Nevena Ruseva, Desislava Petrova-Lyoleva, Plamen Parvanov**
- FRI-ONLINE-1-NS-07: The Protective Act Under Art. 13 of the Criminal Code of the Republic of Bulgaria - Some Problem Aspects  
**Lyuboslav Lyubenov**
- FRI-ONLINE-1-NS-08: "Two or More Persons" in Criminal Law  
**Nikolay Nikolov**

- FRI-ONLINE-1-NS-09: A Way to Receive Rights Through Criminal Behavior-Some Problems with the Embezzlement in Bulgarian Penalty Code  
**Ivan Ivanov**
- FRI-ONLINE-1-NS-10: Historical Overview of Corruption in Europe  
**Svetlana Ognyanova**
- 09:00 – 13:00**  
**FRI-ONLINE-1-HP** **Health Promotion**  
*Session Chair: Stefka Mindova*  
*Online Moderator: Stefka Mindova, Tel:0882 895 149*  
<https://meet.uni-ruse.bg/b/awn-2yw-vdm>
- FRI-ONLINE-1-HP-01: Guidelines for Preparation of Kinesitherapeutic Programs on a Given Case (Clinical Case)  
**Irina Karaganova, Stefka Mindova**
- FRI-ONLINE-1-HP-02: Profile of Patients with Erectile Dysfunction in Outpatient Practice  
**Petar Antonov**
- FRI-ONLINE-1-HP-03: Ankle Fractures with Syndesmal Injury  
**Yordan andonov, Rumen Churov**
- FRI-ONLINE-1-HP-04: Application of Antibiotic-Loaded Implants for the Treatment of Post-Traumatic Osteomyelitis  
**Yordan andonov, Rumen Churov**
- FRI-ONLINE-1-HP-05: Implications of the Posture and of the Gravitational Field Management in the Fibromyalgia and in its Symptoms of Pain and Panic  
**Tiziano Pacini, Elisabetta De Juliis, Ferdinando Pivetta**
- FRI-ONLINE-1-HP-06: Postural Correction Experiment in a Group of Asymptomatic People Aged Between 20 and 60 Years Old with the Purpose of Verifying the Functioning of the Spinup/P According to the Biomechanic Anthropometric Ergonomic Method  
**Tiziano Pacini, Elisabetta De Juliis, Guglielmo Casali**
- FRI-ONLINE-1-HP-07: Research of the Quality of Life of Users in Cardiac Surgery, Checking Cardiorehabilitation One Month After Dehospitalization  
**Aleksandar andreev, Emilya Stoykova**
- FRI-ONLINE-1-HP-08: Art Therapy to Help Cancer Patients in the Region of Burgas, Bulgaria  
**Sonya Nencheva**
- FRI-ONLINE-1-HP-09: Origin of Chronic Thoraco-Lumbar Pain  
**Yuliana Pashkunova**
- FRI-ONLINE-1-HP-10: Effect of the Application of Manual Mobilizations and Mobilizations with Mulligan Movement After Surgical Treatment of Achilles Tendon Ruptures  
**Petya Parashkevova, Radoslava Deleva**
- FRI-ONLINE-1-HP-11: Physiotherapeutic Algorithm of Prevention in Neck Pain Syndromes  
**Radoslava Deleva, Petya Parashkevova**
- FRI-ONLINE-1-HP-12: Biomechanical Changes in Gait in Patients with Osteoarthritis of the Hip  
**Ivelina Stefanova, Stefka Mindova**
- FRI-ONLINE-1-HP-13: Is There a Place for Kinesitherapy in the Treatment of Patients with COVID 19?  
**Denitsa Vasileva**
- 09:00 – 13:00**  
**FRI-ONLINE-1-SW** **Social Work**  
*Session Chair: Sasho Nunev*  
*Online Moderator: Sasho Nunev, Tel:0886 802 466*  
<https://exam-bbb.uni-ruse.bg/b/sas-4dw-mhp>
- FRI-ONLINE-1-SW-01: The Deviant Behavior as a Barrier for Successful Social Inclusion. Sociology Theories of Deviant Behavior  
**Teodorina Milusheva**

- FRI-ONLINE-1-SW-02: Social Work in Hospitals – Needs and Opportunities  
**Maria Stoykova, Desislava Encheva**
- FRI-ONLINE-1-SW-03: Social Policies Efficiency Against Juvenile Delinquency  
**Krasimira Georgieva**
- FRI-ONLINE-1-SW-04: Examination of Parenting Capacity  
**Kameliya Radeva**
- FRI-ONLINE-1-SW-05: Internet Socialization of the Children and Youngsters in Bulgaria in a Global Pandemic Situation  
**Ana Popova**
- FRI-ONLINE-1-SW-06: Social Work with the Families of Persons with Oncological Diseases – a Factor for Improving Their Quality of Life  
**Evgeniya Bratoeva**
- FRI-ONLINE-1-SW-07: Attitudes to Implement Reforms in the Social Work Profession and Education in Bulgaria  
**Sasho Nunev**
- FRI-ONLINE-1-SW-08: Supervision in Social Work with Students – Environment for Formation and Development of Analytical and Critical Approach to the Implemented Activity  
**Sasho Nunev**

**09:00 – 13:00**

*Parallel Sessions ONLINE*

**FRI-ONLINE-1-MCDA**

**Medical and Clinical Diagnostic Activities**

*Session Chair: Nikola Sabev*

*Online Moderator: Nikola Sabev, Tel: 0882 123 305*

<https://bbb.uni-ruse.bg/b/nik-23y-2ae>

- FRI-ONLINE-1-MCDA-01: Antiplate Smoking - Smoking Status and Nicotine Addiction  
**Kristina Zaharieva**
- FRI-ONLINE-1-MCDA-02: Application of Electromyography in Clinical Neurology  
**Neli Petrova**
- FRI-ONLINE-1-MCDA-03: Female Patients with Breast Cancer – an Interview Study, Exploring Nausea and Vomiting  
**Teodora Nedeva**
- FRI-ONLINE-1-MCDA-04: Clinical and Laboratory Diagnostics in Support of Healthcare Professionals  
**Denitsa Trancheva**
- FRI-ONLINE-1-MCDA-05: Hospital Environment, Stress and Childhood Psyche  
**Kiril Panajotov, Tatyana Atanasova, Vanja Dacheva**
- FRI-ONLINE-1-MCDA-06: Antiplatelet Drugs in Acute Coronary Syndrome  
**Ognyan Sherbanov**
- FRI-ONLINE-1-MCDA-07: Some Accents When Tussavit-Syrup Treatment  
**Svilen Dosev, Kina Velcheva**
- FRI-ONLINE-1-MCDA-08: Adaptation of the Anatomy Module for Students of the University of Ruse "Angel Kanchev" During a Pandemic  
**Vanya Dacheva**

**09:00 – 13:00**

*Parallel Sessions ONLINE*

**FRI-ONLINE-1-HC**

**Health Care**

*Session Chair: Greta Koleva*

*Online Moderator: Greta Koleva, Tel:0882 517 173*

<https://bbb.uni-ruse.bg/b/gre-7cd-2y2>

- FRI-ONLINE-1-HC-01: The Use of New Technologies and Serious Games in Medical Care Training  
**Galya Georgieva-Tsaneva, Ivanichka Serbezova**
- FRI-ONLINE-1-HC-02: Women's Consultation - a Component of Pre-Hospital Care  
**Kina Velcheva**

- FRI-ONLINE-1-HC-03: Participation in Undergraduate Student Scientific Sessions for Developing Professional Competencies and Creative Skills Among Midwifery Students  
**Tsveta Hristova**
- FRI-ONLINE-1-HC-04: Control as a Motive for Forming Professional Skills and Competencies During the Clinical Practice of Obstetrician Students  
**Yoana Lukanova**
- FRI-ONLINE-1-HC-05: Alternatives of Institutionalization for the Chronically Ill Patients  
**Daniela Konstantinova**
- FRI-ONLINE-1-HC-06: Internationalization At Home: Use of XR Technologies in the Medical Professions and Health Care Training  
**Despina Georgieva, Greta Koleva, Irina Hristova**
- FRI-ONLINE-1-HC-07: Scales for Risk Assessment of Pressure Ulcer. Preventive Measures  
**Despina Georgieva, Irina Hristova, Greta Koleva**
- FRI-ONLINE-1-HC-08: Criminal Liability of the Healthcare Specialist – the Nurse  
**Ivaylo Ivanov, Atanas Atanasov, Despina Georgieva**
- FRI-ONLINE-1-HC-09: Medical and Legal Aspects of the Informed Consent for Professional Services Performed by Nurse in Individual or Group Practice Health Care  
**Ivaylo Ivanov, Greta Koleva**
- FRI-ONLINE-1-HC-10: Wilhelm Conrad Röntgen – 125 Years Since the Great Discovery of X - Rays  
**Teodora Todorova, Dobrin Paskalev**
- FRI-ONLINE-1-HC-11: Gestural Management Software in the Education of Students in Eye Diseases  
**Krassimir Koev, Ivan Ralev**
- FRI-ONLINE-1-HC-12: Theoretical Model of a Virtual Eye Cabinet for Student Training  
**Krasimir Koev, Despina Georgieva, Ana-Maria Mladenova, Dimitar Marinov, Nikolay Tonchev**
- 09:00 – 13:00**  
**FRI-ONLINE-1-QHE**  
**Quality of Higher Education**  
*Session Chair: Ivanichka Serbezova*  
*Online Moderator: Ivanichka Serbezova, Tel: 0888 731 063*  
<https://bbb.uni-ruse.bg/b/iva-9ve-hgp>
- FRI-ONLINE-1-QHE-BOOK: Problems and Prospects in the Formation of Human Capital in the Field of Education in Bulgaria  
**Kristiyan Valchev, PhD**
- FRI-ONLINE-1-QHE-01: The Heinnovate Instrument in the Evolutionary Development of the University Model (The Case with the University of Ruse, Bulgaria)  
**Hristo Beloev, Velizara Pencheva, Juliana Popova**
- FRI-ONLINE-1-QHE-02: Challenges in the Public Communication and Dissemination of Information through the Channels of Mass Media in the Context of Covid 19 (The Case with the University of Ruse, Bulgaria)  
**Hristo Beloev, Juliana Popova, Viktoriya Ivanova**
- FRI-ONLINE-1-QHE-03: Improving Educational Management Systems by Integrating Quality and Innovations  
**Tzvetelin Gueorguiev, Boris Sakakushev, Boris Evstatiev**
- FRI-ONLINE-1-QHE-04: Trends and Perspectives for the Development of the Administration in the Higher Schools in Bulgaria  
**Tanya Grozeva**
- FRI-ONLINE-1-QHE-05: Elaboration of Quantitative Indicators for Certification of Academic Professors  
**Daniel Pavlov**
- FRI-ONLINE-1-QHE-06: Results from Increasing the Qualification of the Lecturers at the University of Ruse from their Participation in Project №



- BG05M2OP001-2.009-0011 under the Operational Programme Human Resources Development  
**Hristo Beloev, Plamen Daskalov, Asen Asenov, Tsvetelina Georgieva**
- FRI-ONLINE-1-QHE-07: Structure of the Academic Staff of the University of Ruse for the Period 2015-2020 and its Impact on the Quality of Education  
**Orlin Petrov**
- FRI-ONLINE-1-QHE-08: Results of the Support for PhD Students, Post-Doctoral Students and Young Researchers from Project № BG05M2OP001-2.009-0011 in the Operational Programme Human Resources Development  
**Hristo Beloev, Velizara Pencheva, Diana Antonova, Tsvetelina Georgieva**
- FRI-ONLINE-1-QHE-09: New Approaches in Doctoral Education at the University of Ruse – a Response to the Challenges of a New Era  
**Galina Ivanova, Pavel Zlatarov, Desislava Baeva, Diana Antonova**
- FRI-ONLINE-1-QHE-10: Internationalizations from at Home through ONLINE Learning Modules in Occupational Therapy  
**Liliya Todorova**
- FRI-ONLINE-1-QHE-11: Competence-Based Assessment of Practical Training in Occupational Therapy for Physical Dysfunction  
**Petya Mincheva, Liliya Todorova**
- FRI-ONLINE-1-QHE-12: Quality of ONLINE Education in Medical Majors at Ruse University “Angel Kanchev”  
**Galya Georgieva-Tsaneva, Ivanichka Serbezova**
- FRI-ONLINE-1-QHE-13: Results and Analysis of the Survey "Emergency Training"  
**Aneliya Manukova, Viktoriya Petkova**
- FRI-ONLINE-1-QHE-14: The Activity of Computing and Information Services Centre in Unison with the Mission of Ruse University  
**Miroslav Mihaylov**
- FRI-ONLINE-1-QHE-15: Esiah Concept. on the Road to European Academic Doctrine.  
**Teodor Kyuchukov**
- FRI-ONLINE-1-QHE-16: Analysis of the Approaches and Resources for Tracking the Realization of Students at the Labour Market  
**Kaloyan Stoyanov, Vanya Naydenova**
- FRI-ONLINE-1-QHE-17: Development of Artificial Intelligence and Effects on High Education in Finance, Accounting and Auditing  
**Kamelia Assenova**

**13:00 – 14:00**

*Lunch Break*

**14:00 – 17:00**

*Parallel Sessions Room 2.209*

- FRI-2.209-2-TMS** **Transport and Machine Science**  
*Session Chair: Rosen Ivanov*  
*Online Moderator: Simeon Iliev, Tel: 0878333922*  
<https://meet.uni-ruse.bg/b/4g4-mju-qth>
- FRI-2.209-2-TMS-01: Analyzis Methods for Determination of Braking Deceleration  
**Daniel Ivanov, Radostin Dimitrov**
- FRI-2.209-2-TMS-02: Study of Working Process of Diesel Engine When Working with Addition of Alcohol  
**Velichka Georgieva, Daniel Kostadinov, Krasimir Bogdanov**
- FRI-2.209-2-TMS-03: HCCI Combustion Modeling: Defining the Effective EGR Operating Range  
**Svetoslav Mihalkov, Plamen Punov**
- FRI-2.209-2-TMS-04: Comparative Analysis of the Noise Level of an Electric Vehicle According to the Road Surface  
**Kamelia Dimitrova, Gergana Staneva**
- FRI-2.209-2-TMS-05: Hydrogen as an Alternative to Gasoline

- Atanas Iliev, Kiril Hadjiev**
- FRI-2.209-2-TMS-06: Physicochemical Properties of Alcohols, as Alternative Fuels for SI Internal Combustion Engines  
**Kiril Hadjiev, Atanas Iliev**
- FRI-2.209-2-TMS-07: Ethanol as an Additive to Diesel Fuel  
**Emil Mitev, Dimitar Obretenov**
- FRI-2.209-2-TMS-08: Performance Study of a Internal Combustion Engine with Gasoline and Methane Injection  
**Simeon Iliev, Ivaylo Borisov**
- FRI-2.209-2-TMS-09: Emissions Improvement of an S.I. Engine Fuelled by LPG and Gasoline  
**Simeon Iliev, Emil Mitev**
- 14:00 – 17:00** *Parallel Sessions Room 2.204, ONLINE*
- FRI-2.204-2-SITST** **Sustainable and Intelligent Transport Systems, Technologies and Logistics**  
*Session Chair: Velizara Pencheva*  
*Online Moderator: Asen Asenov, Tel: 0888870035*  
<https://meet.uni-ruse.bg/b/ye2-hwt-wdj>
- FRI-2.204-2-SITST-01: Analysis of Bicycle Travel in the City of Ruse  
**Pavel Stoyanov, toncho Balbuzanov, Dimitar Georgiev**
- FRI-2.204-2-SITST-02: Study of the Criteria According to Which the Work in the Automotive Service is Distributed  
**Mihail Milchev**
- FRI-2.204-2-SITST-03: Study of the Reliability of Specialized Fire Rescue Equipment  
**Dimitar Grozev**
- FRI-ONLINE-2-SITST-04: Study of Statistical Characteristics of the Light Absorption Coefficient of the Exhaust Gases in Diesel Engines  
**Georgi Palagachev, Tzanko Georgiev, Volodia Kirov**
- FRI-ONLINE-2-SITST-05: Influence of Certain Parameters of the Social Status of the Population on the Safety of Road Traffic  
**Vladimir Madjarski, Durhan Saliev**
- FRI-2.204-2-SITST-06: Different Approaches in Determining the Vehicles Speed in Road Accidents  
**Daniel Lyubenov**
- FRI-2.204-2-SITST-07: A Study of the Candidates Drivers Mistakes in Practical Training  
**Polina Atanasova, Daniel Lyubenov**
- FRI-ONLINE-2-SITST-08: Investigation of Traffic Load of Crossroads in the Road Network Through the Use of Aero Mapping  
**Iliyan Damyanov, Georgi Mladenov**
- FRI-2.204-2-SITST-09: Gis Based Analysis of Pedestrian-Vehicle Crash Hotspots and Identifying Unsafe Transit Access in the Regions of Municipality Ruse  
**Stanimir Penev**
- FRI-ONLINE-2-SITST-10: Investigation of the Influence of the Practical Training of the Candidates for Drivers of Motor Vehicles Category "B" on the Development of Their Individual  
**Nikolay Paunov**
- FRI-2.204-2-SITST-11: Opportunities for Simulation of Road Situation in the Conditions of the City of Ruse  
**Pavel Stoyanov, Svilen Kostadinov**
- FRI-2.204-2-SITST-12: Eye Exercises for Prevention the Visual Health of Drivers  
**Iskra Ilieva, Velizara Pencheva, Asen Asenov**
- FRI-2.204-2-SITST-13: Methodology for Measuring the Energy of a Trolleybus in Operating Conditions  
**Velizara Pencheva, Asen Asenov**
- FRI-2.204-2-SITST-14: Study of Operating Modes of Hydrogen Fuel Cell Horizon Xp 1000  
**Dimitar Grozev, Ivan Beloev**

- FRI-2.204-2-SITST-15:           Review of Energy Management Systems Strategies for Hybrid Vehicles  
**Velizara Pencheva, Tsvetelina Georgieva, Asen Asenov, Sechkin  
Remzi, Plamen Daskalov**
- FRI-2.204-2-SITST-16:           Theoretical Investigations of Parameters of Urban Passenger Transport  
**Pavel Stoyanov**

**NOVEMBER RESEARCH CONFERENCE IN RAZGRAD**

**Friday 6 November 2020**

09:00 – 13:00

*Registration – Hotel Les (around the Reception)*

**11:00 – 13:00**

**Opening, Plenary Session: ONLINE**

**Session Chair: Tsvetan Dimitrov, PhD**

Online Moderator: *Tsvetan Dimitrov, PhD; Tel: +359887631645*

<https://meet.uni-ruse.bg/b/er6-6jy-9c6>

**FRI- ONLINE-KS(R)-01:**

**Prof. Jasmina Lukinac, PhD**

Josip Juraj Strossmayer University of Osijek, Croatia

***Computer Vision Application in the Quality Evaluation of Cereal-Based Products***

**FRI- ONLINE-KS(R)-02:**

**Assoc. Prof. Rositsa Titorenkova, PhD**

Institute of Mineralogy and Crystallography “Acad. I. Kostov”  
Bulgarian Academy of Sciences

***FTIR Micro-Spectroscopy for Study in Homogenous Phase Composition and Structure of Biological Mineralizations***

**FRI-ONLINE-KS(R)-03:**

**Assoc. Prof. Cristina Popovici, PhD**

Technical University of Moldova, Republic of Moldova

***An Integrated Approach for Walnuts Industrial Processing***

**14:00 – 15:30**

***Parallel Scientific Sessions ONLINE***

**FRI-ONLINE-1-CT(R)**

**Chemical Technologies**

**Session Chair: Temenuzhka Haralanova**

**Online Moderator: Temenuzhka Haralanova, Tel: +359878557143**

<https://meet.uni-ruse.bg/b/er6-6jy-9c6>

**FRI-ONLINE-1-CT(R)-01:**

Application of Chemometric Methods Coupled with Infrared Spectroscopy for Determination of Ethanol in Presence of Methanol in Aqueous Solutions

**Petar Petrov**

**FRI-ONLINE-1-CT(R)-02:**

Elucidation of the Binding Affinity of 2-Carbamido-1,3-Indandione to Nucleic Acids

**Nina Stoyanova, Nadezhda Markova, Petya Genova-Kalou, Ivan Angelov, Irena Philipova, Venelin Enchev**

**FRI-ONLINE-1-CT(R)-03:**

Phosphorus Recovery from Swine Slurry by Acidifying Ultrafiltration and Struvite Crystallisation

**Maya Stancheva, Valentin Nenov, Hyusein Yemendzhiev**

**FRI-ONLINE-1-CT(R)-04:**

Comparative Analysis of Biogas Production Technologies Using Suitable Raw Materials

**Evgeniy Ganev, Venko Beschkov, Boyan Ivanov**

**FRI-ONLINE-1-CT(R)-05:**

Tautomeric Conversion of 2-Carbamido-1,3-Indandione Under Influence of External Electric Field or UV Light

**Venelin Enchev, Vassil Delchev, Ivan Angelov, Nadezhda Markova**

**FRI-ONLINE-1-CT(R)-06:**

Assessment of the Personality of People, Working in Technological Systems, with Eysenck Personality Questionnaire

**Sabina Nedkova, Plamena Atanasova**

**15:45 – 17:15**

***Parallel Scientific Sessions ONLINE***

**FRI- ONLINE-1-BFT(R)**

**Biotechnologies and Food Technologies**

**Session Chair: Iliana Kostova**

**Online Moderator: Iliana Kostova, Tel: +359 886 430 204**

<https://meet.uni-ruse.bg/b/er6-6jy-9c6>

**FRI-ONLINE-1-BFT(R)-01:**

Kinetic Analysis of Bimolecular Complementation "Virus-Host-Cell" by Surface Plasmon Resonance (SPR) Method

**Evdokiya Belina, Radoslav Marinov, Petia Genova-Kalou**

- FRI-ONLINE-1-BFT(R)-02: Antiviral Effect of *Graptopetalum Paraguayense* E. Walther Leaf Extract and its Phenol Acids Fraction Against Human Coronavirus 229E (Hcov-229E) in Vitro  
**Radoslav Marinov, Nadezhda Markova, Ivayla Dincheva, Ilian Badjakov, Nina Stoyanova, Venelin Enchev, Petia Genova-Kalu**
- FRI-ONLINE-1-BFT(R)-03: Emerging Applications of Ionizing Radiation for Processing of Materials in Biotechnologies and Food Industry  
**Delyan Gospodinov, Vilhelm Hadjiski**
- FRI-ONLINE-1-BFT(R)-04: Gas Permeability of Bread  
**Mykola Desyk, Oleksandr Kozak, Vladimir Telychkun, Ivanna Nazarenko**
- FRI-ONLINE -1-BFT(R)-05: Formation of Suspension Structure in the Process of Grinding in Bead Mills  
**Kateryna Hrininh, Oleksii Gubena**
- FRI-ONLINE -1-BFT(R)-06: Studying and Improving the Continuous Process of Kneading Yeast Dough  
**Vitalii Rachok**
- FRI-ONLINE -1-BFT(R)-07: Effect of Processing with Alternative Non-Thermal Technologies and Edible Packaging on Food Safety and Quality  
**Stefan Stefanov, Yordanka Stefanova**

**Saturday 7 November 2020**

**09:00 – 12:00**

**Parallel Poster Sessions ONLINE**

**SAT-ONLINE-P-2-CT(R)**

**Chemical Technologies**

*Session Chair: Tsvetan Dimitrov*

*Online Moderator: Tsvetan Dimitrov, Tel: +359 887 631 645*

<https://meet.uni-ruse.bg/b/er6-6jy-9c6>

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

Predicting Molecular Properties and Bioactivity Score of Similar Compounds of Tazarotene

**Yana Koleva**

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

Quantum-Chemical and Docking Analysis on the Binding Potential of Hydroxybenzoic Acids from *Graptopetalum Paraguayense* E. Walther TO HSV Thymidine Kinase Active Site

**Miroslav Rangelov, Nadezhda Todorova, Petia Genova-Kalu, Nina Stoyanova, Venelin Enchev, Nadezhda Markova**

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

Greenhouse Gas Reductions Through Optimal Biodiesel Supply Chain

**Yunzile Dzhelil, Evgeniy Ganev, Boyan Ivanov, Desislava Nikolova**

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

Investigation of Electrical Characteristics of Barium Titanate (BaTiO<sub>3</sub>)

**Fila Yovkova, Irena Markovska, Dimitar Rusev, Dimitar Georgiev**

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

Modification of Ultrafiltration Polyacrylonitrile Membranes with Nanoclay Particles

**Milena Miteva, Dimitrina Kiryakova, Stoyko Petrov**

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

Cordierite Ceramics with Improved Performance Properties

**Olena Karasyk, Tsvetan Dimitrov**

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

Chances of Utilizing of Spent Catalysts from Petrochemical Industry

**Ganka Kolchakova**

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

Study of the Color Parameters of Zircon Ceramic Pigments Synthesized from Pure Raw Materials

**Fila Yovkova, Irena Markovska, Tsvetan Dimitrov**

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

Corrosion Inhibition of Low-Carbon Steel in a 0.1 M H<sub>2</sub>SO<sub>4</sub> Medium

**Temenuzhka Haralanova, Angel Dishliev, Iliyana Nikolova, Christian Girginov**

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

Features of Thermal Destruction of Compositions of Spodumene-Eucryptite Composition Obtained by Sol-Gel Technology

**Olena Khomenko, Tsvetan Dimitrov, Oleksandra Makedonskaya**

**09:00 – 12:00**

***Parallel Poster Sessions ONLINE***

**SAT-ONLINE-P-2-BFT(R)**

Biotechnologies and Food Technologies

***Session Chair: Stanka Damyanova***

***Online Moderator: Stanka Damyanova, Tel. +359 882 669 689***

***<https://meet.uni-ruse.bg/b/er6-6jy-9c6>***

SAT-ONLINE-P-2-BFT(R)-01:

Starch Syrups as Substitutes for Sugar and Milk Powder in Ice Cream

**Oksana Kochubei-Lytvynenko, Galyna Polischuk, Oksana Bass**

SAT-ONLINE-P-2-BFT(R)-02:

Modelling of Process of Pressing the Dough in Matrix with Screw Inserts

**Vladimir Grudanov, Hanna Torhan**

SAT-ONLINE-P-2-BFT(R)-03:

Reasoning of the Selection of Technological Parameters for the Extraction of Sumac

**Uliana Kuzmyk, Nataliia Yushchenko, Tetiana Osmak, Artur Mykhalevych**

SAT-ONLINE-P-2-BFT(R)-04:

Evaluation of Antioxidant Activity of Hydrazone

**Nadya Agova, Miglena Todorova, Svetlana Georgieva**

SAT-ONLINE-P-2-BFT(R)-05:

Development of Composite Sauces for Pasteurized Products

**Vasyl Pasichnyi, Tetyana Khorunzha, Polumbryk Manefa**

SAT-ONLINE-P-2-BFT(R)-06:

Basic Provisions and Research of Continuous Dough Kneading

**Vitalii Rachok, Yuliya Telychkun, Volodymyr Telychkun**

SAT-ONLINE-P-2-BFT(R)-07:

Synthesis, Characterization and Antimicrobial Studies of 6 – Phenothiazinil–1,8 – Nafthoylene – 1,2 – Benzimidazole – 1 - OH

**Neyko Stoyanov, Iliana Kostova, Iliyana Nikolova, Marin Marinov**

SAT-ONLINE-P-2-BFT(R)-08:

Simulation of High Pressure Meat Pate Processing

**Victor Goots, Olga Koval, Svitlana Bondar, Oleksii Gubena**

SAT-ONLINE-P-2-BFT(R)-09:

Scientific Substantiation of the Process of Managing Critical Modes of Pneumatic Transportation for Food Products

**Liudmyla Kryvoplias-Volodina, Oleksandr Gavva, Oleksandr Volodin**

SAT-ONLINE-P-2-BFT(R)-10:

Functional Characteristics of Food of Animal Origin

**Tatjana Kalevska, Daniela Nikolovska Nedelkoska, Viktorija**

**Stamatovska, Vezirka Jankuloska, Gjore Nakov**

SAT-ONLINE-P-2-BFT(R)-11:

Structural and Parametric Synthesis of Kneading Machines

**Igor Litovchenko, Oleksandr Gavva, Oleksii Litovchenko**

SAT-ONLINE-P-2-BFT(R)-12:

Practical Aspects of Modeling Hydrodynamic Characteristics in the System of Pipeline Valves

**Sergii Volodin, Valerii Myronchuk**