



UNION OF SCIENTISTS IN BULGARIA – PLOVDIV

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Chair: Assoc. Prof. Dr. Vladimir Andonov, DM
Vice Chairs: Prof. Dr. Maria Panchovska
Prof. Dr. Atanas Arnaudov
Scientific Secretary: Assoc. Prof. Dr. Todorka Dimitrova

VIIITH INTERNATIONAL CONFERENCE OF YOUNG SCIENTISTS – PLOVDIV 2020

PROGRAM

The conference is an initiative of the Club of the Young Scientists at the Union of Scientists in Bulgaria – Plovdiv. The main goal is to provide an opportunity for young scientists from different countries to express themselves and to gain more experience and confidence in reporting scientific ideas and results.

Due to the complication of the epidemic situation in the country in recent weeks, the governing body of USB – Plovdiv has decided to hold the Eighth International Conference of Young Scientists in online format (via the Zoom platform).

23 – 26 July 2020
House of Scientists – Plovdiv

ORGANIZING COMMITTEE

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Prof. DSc Maria Baltadzhieva,
Corresponding member of BAS

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Asst. Prof. Sibel Aziz, PhD student

Asst. Prof. Vera Gledacheva, PhD student

Desislava Dimitrova, PhD student

Megi Dakova, PhD student

Radostina Koleva, PhD student

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Assoc. Prof. Dr. Stela Statkova-Abeghe – Bulgaria

Assoc. Prof. Dr. Valentina Nikolova-Aleksieva – Bulgaria.

Dr. Liudmyla Aslamova, Senior Research Fellow – Ukraine, IAEA expert

Dr. Dario Danojevic, Research Assoc. – Serbia

23 July 2020

REGISTRATION: 14.00 – 17.00 p.m.

House of Scientists
6 Mitropolit Paisii St., 4000 Plovdiv, Bulgaria



24 July 2020

PLENARY SESSION

- | | |
|---------------|--|
| 9:00 – 9:10 | Opening of the Conference
Assoc. Prof. Dr Vladimir Andonov, DM |
| 9:10 – 9:30 | Welcome Addresses |
| 9:30 – 10:15 | Prof. Dr. Victoria Sarafian, дм, дмн
3D биопринтиране и колоректален карцином |
| 10:15 – 11:00 | Prof. Dr. Stefka Radenska-Lopovok, дмн
Автоимунен /автовъзпалителен адювант – асоцииран синдром (ASIA).
Нов или стар синдром? |

ACADEMIC FIELD *NATURAL AND TECHNICAL SCIENCES*

24 July 2020

Section *Biology and Agrobiology*

Chair: Prof. Dr. Nikolay Panayotov

Secretary: Prof. Dr. Atanas Arnaudov

11:00 – 11:15 **Opening of the Session**

Oral Presentations

11:15 – 11:30 **Ilia Tamburadzhiev**
Landscape „Pattern-process” Interconnections and Interactions in the Lowland Part of the Catchment Areas of the Stara and the Vacha Rivers

11:30 – 11:45 **Michaela Mihailova, Vassil Stoychev, Petar Marinov**
Climate Transformation – a Factor for Change Agricultural Crops in Bulgaria

11:45 – 12:00 **Sibel Aziz, Nasya Tomlekova, Daniela Ganeva**
Adaptation of ISAP Technique for Genotyping Tomato

12:00 – 12:15 **Sibel Aziz, Nasya Tomlekova, Tsvetanka Dintcheva, Slavka Kalapchieva, Hriska Boteva**
Applicability of SSR Markers Developed in Cowpea in Common Bean and Garden Pea

Poster Presentations

12:15 – 12:20 **Veselin Bivolarski, Mariana Nikolova, Stepan Bodlev, Daniela Mollova-Doshkova, Tonka Vasileva, Ilia Iliev**
Isolation of Lactic Acid Bacteria, Producers of Glycosyltransferases from Honey Bees

12:20 – 12:25 **Desislava Mantovska, Veneta Kapchina-Toteva, Zhenya Yordanova**
Ex Situ Conservation and Comparative Determination of Radical Scavenging Activity of Two Balkan Endemic Species from Genus *Stachys*

12:25 – 12:30 **Alexander Trayanov, Nikolay Panayotov**
Morphological characteristics of carrot seeds depending on the fertilization regime and umbel orders

12:30 – 12:35 **Nadezhda Shopova**
On the de Martonne Index in Some Regions of Southeastern Bulgaria

12:35 – 12:45 **General Discussion and Closing of the Session**

Section *Technics and Technology, Mathematics and Informatics*

Chair: Assoc. Prof. Dr. Dimitar Tokmakov
Secretary: Assoc. Prof. Dr. Stanka Hadjikoleva

13:00 – 13:15 **Opening of the Session**

Oral Presentations

13:15 – 13:30 **Daniel Rusev, Mihaela Rusev, Stanimir Stoyanov**
Intelligent Agriculture

13:30 – 13:45 **Angel Danev, Atanaska Bosakova-Ardenska, Magdalena Kutryanska, Ivaylo Ivanov, Vladimir Karparov**
Application of Arithmetic and Logic Operations for Objects Extraction in ImageJ

Poster Presentations

13:45 – 13:50 **Detelina Sergeeva Milkoteva**
Selected Software Technologies for Building Interactive Interface

13:50 – 13:55 **Maria Borisova**
Formation on Higher-Order Thinking Skills Through Training in Graph Databases

13:55 – 14:00 **Lambri Yovkov**
Students Preferences for Delivery Modes of Content in E-learning

14:00 – 14:05 **Leonita Salihu, Lorika Salihu, Egzon Salihu, Dilaver Salihu**
Changes Occurring to Fruits (Strawberries, Raspberries, Cherries) after Storage in the Refrigerator Service

14:05 – 14:10 **Plamen Nikovski, Nikolay Doychinov**
Sensor Data Fusion and Filtering Techniques

14:10 – 14:20 **General Discussion and Closing of the Session**

Section *Physics and Chemistry*

Chair : Assoc. Prof. Dr. Stela Statkova

Secretary: Assoc. Prof. Dr. Todorka L. Dimitrova

15:00 – 15:15 **Opening of the Session**

Oral Presentations

15:15 – 15:30 **Vanya Slavova**
Application of Polarization in Field Studies of Blood Samples in the Field of Veterinary Medicine

15:30 – 15:45 **Anka Georgieva, Todorka L. Dimitrova, Stefka Kirkova**
Radioactivity in Tobacco and Tobacco products

Poster Presentations

15:45 – 15:50 **Vera Gledacheva, Valeri Slavchev, Stoyanka Nikolova, Iliyana Stefanova**
In vitro Biological Activity of New Synthesized Isocholine Substance Measured by Isometric Method

15:50 – 15:55 **Todorka L. Dimitrova, Radoslav Raychev**
Design of an Infrared Optical System for Dual-band MWIR/LWIR Uncooled Detector

16:00 – 16:05 **Magdalena Boradjieva, Siana K. Chobanova, Angel Mollov, Ivelina Koicheva, Zornitsa Jekova, Galya Toncheva**
Liquid-Liquid Extraction-Chromogenic Systems for Azo Dye {4-(2-thiazolylazo)orcinol and Some Transition Metals

16:05 – 16:10 **Desislava Kirkova, Margarita Docheva, Yovcho Kochev**
Determination of Mineral Content of Some Oriental Tobaccos from Plovdiv Tobacco Area – Ecotype Srednogorska Yaka and Ecotype Ustina

16:10 – 16:15 **Desislava Kirkova, Sasha Minkova, Yordan Stremski, Stela Statkova-Abeghe, Plamen Angelov, Ilian Ivanov**
Modification of Cyclic Terpenes by Reaction of α -amidoalkylation

16:15 – 16:20 **Ilknur Ahmed, Yordan Stremski, Desislava Kirkova, Stela Statkova-Abeghe, Plamen Angelov, Iliyan Ivanov**
Synthesis and Structural Characterization of Novel Ferrocenyl Benzothiazoles

16:20 – 16:30 **General Discussion and Closing of the Conference**

ACADEMIC FIELD *MEDICAL SCIENCES*

24 July 2020

Section *Clinical Medicine*

Chair: Prof. Dr. Maria Panchovska-Mocheva

Secretary: Assist. Prof. Dr. Irina Zdravkova

11:00 – 11:15 **Opening of the Session**

Oral Presentations

11:15 – 11:30 **Petar Uchikov, Milena Sandeva**

Evaluation of the Effects of Reproductive Factors in Women with Non-small Cell Lung Cancer

11:30 – 11:45 **Nikola Kovachev, Boyko Atanasov**

Laparoscopy in Colorectal Peritonitis

11:45 – 12:00 **Nikola Kovachev, Boyko Atanasov**

Surgical Treatment of Endoscopic Iatrogenic Perforations

12:00 – 12:15 **Мариела Генева, Станислава Попова, Петя Гарджева**

Прогностични предиктори за болни със системен лупус

12:15 – 12:30 **Мариела Генева, Станислава Попова, Петя Гарджева**

Хемокини при първичен синдром на Sjogren

12:30 – 12:45 **Богомила Чешмеджиева, Любима Деспотова-Толева**

Редки венозни тумори: повишаване информираността на ОПЛ

12:45 – 13:00 **Богомила Чешмеджиева, Любима Деспотова-Толева**

Редки съдови тумори: обучение на ОПЛ чрез казуси

13:00 – 13:15 **Бурян Киров, Богомила Чешмеджиева**

Върху някои актуални аспекти на съдовата патология: фокус върху общата практика

13:15 – 13:30 **Димитър Калинов, Тодор Горанов, Жан Читалов, Любима Деспотова-Толева, Иван Дечев**

Доброкачествена простатна хиперплазия в живота на мъжа: ролята на общопрактикуващия лекар

13:30 – 14:00 **Lunch Breack**

14:00 – 14:15 **Stoil Tomov, Pepa Atanasova, Ivan Dechev**

Effect of Varicocelelectomy on Sperm Concentration, Depending on Various Factors in Infertile Men

14:15 – 14:30 **Stefania Krasteva, Svetlan Dermendjiev, Nikolai Atanasov**

Analysis of the Method of Financing and the Effectiveness of the

Diagnosis and Treatment of Occupational Bronchial Asthma in Inpatient Settings

- 14:30 – 14:45 **Nikoleta Dimitrova, Svetlan Dermendzhiev**
Angioneurotic Edema in Immunopathology and Allergology
- 14:45 – 15:00 **Павлина Николова, Любима Деспотова-Толева, Емилия Насева**
Изследване на тактилен усет на стъпалата при пациенти с диабет в условията на общата практика – значение и роля на ОПЛ
- 15:00 – 15:15 **Павлина Николова, Любима Деспотова-Толева, Емилия Насева**
Комбинирани методи за диагностика и оценка на диабетна невропатия – възможности за приложение в общата практика
- 15:15 – 15:30 **Невена Иванова**
Усложнения на предсърдното мъждене – клиничен случай
- 15:30 – 15:45 **Тодор Горанов, Димитър Калинов, Жан Читалов, Любима Деспотова-Толева, Иван Дечев**
Повишаване осведомеността на общопрактикуващия лекар относно мъжкия инфертилитет
- 15:45 – 16:00 **Svetlan Dermendzhiev, Vladimir Bozhilov**
Allergic Rhinitis – Etiology, Epidemiology, Pathogenesis, Classifications
- 16:00 – 16:15 **Svetlan Dermendzhiev, Vladimir Bozhilov**
Clinical Manifestation, Forms and Social-Economic Aspects of Allergic Rhinitis
- 16:15 – 16:30 **Dimitar Delkov, L. Ioanidu, J. Ouzunova, Iv. Dechev, D. Tomov**
Sarcosine in Urine-a New Possibility for Potential Biomarker of Clinical Progression of Prostate Gland Vancer
- 16:30 – 16:45 **Невена Иванова**
Специфични форми на хипертония
- 16:45 – 17:00 **Невена Иванова**
Резистентна хипертония
- 17:00 – 17:30 **Break**

Poster Presentations

- 17:30 – 17:35 **Emanuela Vasileva, Mariyan Batashki, Radiana Staynova**
Diabetes and Diabetic Retinopathy – Current Diagnostic and Therapeutic Aspects
- 17:35 – 17:40 **Maria Panchovska, Vladimir Andonov, Georgi Tomov, Irina Zdravkova**
Sjogren's Syndrome, Oral Microbiome and Probiotics
- 17:40 – 17:45 **Irina Zdravkova, Eduard Tilkiyan, Iovko Ronchev**
Membranous nephropathy in a patient with autoimmune thyroiditis

- 17:45 – 17:50 **Sonia Kukusheva, Georgi Tomov, Maria-Panchovska-Mocheva**
Sjögren's Syndrom – Clinical and Paraclinical Consideration
- 17:50 – 17:55 **Atanas Ivanov**
Flexible Ureteroscopy for the Diagnosis of Chronic Unilateral Hematuria
- 17:55 – 18:00 **Atanas Ivanov**
Management of the Distal Ureter in Open Nephroureterectomy –
Comparison between Endoscopic Ureteral Detachment and Bladder Cuff
Excision
- 18:00 – 18:05 **Atanas Ivanov**
Laparoscopic Decortication of Simple Renal Cysts – A single Institution
Experience
- 18:05 – 18:10 **Ivaylo Getsov**
Prostate Cancer Screening – From Beginning to the Future
- 18:10 – 18:15 **Ivaylo Getsov**
Flexible Ureteroscopy for Kidney Stones-Efficacy and Safety
- 18:15 – 18:20 **Petar Antonov**
Treatment of Interstitial Cystitis/Painful Bladder Syndrome by
Intravesical Instillation of Sodium Hyaluronate
- 18:20 – 18:25 **Petar Antonov**
Paraurethral Skene's Duct Cyst – A rare Finding after Puberty
- 18:25 – 18:30 **Petar Antonov**
Urethral Caruncle: Management and Review of the Literature
- 18:30 – 18:45 **General Discussion and Closing of the Conference**

Section *Preclinical Medicine*

Chair: Assoc. Prof. Dr. Delyan Delev
Secretary: Assist. Prof. Dr. Hristina Zlatanova

11:00 – 11:15 **Opening of the Session**

Oral Presentations

11:15 – 11:30 **Boryana Levterova**

Health-related Quality of Life and its Determinants Among Women with Type 2 Diabetes Mellitus

11:30 – 11:45 **Silvia Tsvetkova, Katya Doykova**

Osteoporosis in Rheumatoid Arthritis

11:45 – 12:00 **Katya Doykova, Silvia Tsvetkova**

High Resolution Ultrasound as a New Diagnostic Tool of Larynx

12:00 – 12:15 **Katya Doykova, Silvia Tsvetkova**

How to Interpret the Hypodense Splenic Lesion

12:15 – 12:30 **Boryana Levterova**

Nurse Physician Relationship and Quality of Care

12:30 – 12:45 **Mihaela Popova, Merlin Esad, Anelia Bivolarska**

Therapeutic Benefits of Plants in the Treatment of Non-alcoholic Fatty Liver Disease (Nafld)

12:45 – 13:00 **Ivelina Avramova, Zdravko Ivanov, Anelia Bivolarska, Katerina Koleva**

Biochemical Aspects of Kynurenic Pathway in Schizophrenia

13:00 – 13:15 **Elka Toseva, Iliyana Toseva, Desislava Bakova**

Dietary Habits and Health Status of Medical Students

13:15 – 13:30 **Elka Toseva, Iliyana Toseva**

Tobacco Use and Alcohol Consumption Among Medical Students

13:30 – 14:00 **Lunch Break**

14:00 – 14:15 **Plamena Enikova, Peter Trindev, Todorka L. Dimitrova**

Spect Tomography Image Quality Control

14:15 – 14:30 **E. Antalis, Nadya Penkova, Petar Hrishev, Pepa Atanassova, Vladimir Penkov**

Ghrelin and Its Involvement in the Pathogenesis of Obesity and Gallstone Disease

14:30 – 14:45 **Kristina Kilova, Stanka Uzunova**

The Opinion of Health Professionals About Telemedicine in Bulgaria

14:45 – 15:00	Kristina Kilova Distance Learning in the Conditions of a Pandemic Through the View of the Students From Medical University – Plovdiv
15:00 – 15:15	Кристина Килова, Анна Михайлова, Герасим Ганчев Приложение на информационните и комуникационни технологии във фармацевтичните грижи
15:15 – 15:30	Tanya Kitova Social Aspects of Distance Learning During the COVID-19 Pandemic
15:30 – 15:45	Велина Стоева, Искра Томова, Александър Атанасовски, Ани Кеворкян, Йорданка Стоилова Контрол на Legionella spp. в денталната практика в Англия и в България – сравнителен анализ
15:45 – 16:00	Десислава Бакова, Станислава Харизанова Нагласи на двойки с репродуктивни проблеми относно сурогатното майчинство
16:00 – 16:15	Кирил Атлиев, Мария Семерджиева Удовлетвореност на медицинските специалисти от работата в спешно отделение
16:15 – 16:30	Станислава Харизанова, Десислава Бакова Дистрес при студенти медици, обучавани на английски език в условия на пандемия от COVID-19
16:30 – 16:45	Николай Янчев, Делян Делев Противовъзпалително действие на растения от род Sideritis
16:45 – 17:00	Dimityr Penkov, Margarita Kassarova Distribution and Use of Silver Birch (Betula Pendula, Roth)
17:00 – 17:30	Break
	Poster Presentations
17:30 – 17:35	Emilija Harizanova, Teodora Dimcheva, Gergana Foreva Application of Information Technology in Human Resource Management in Primary Healthcare
17:35 – 17:40	Zlatka Lozanova, Stefka Stoilova, Tanja Roleva, Miroslava Todeva, Teodora Dimcheva, Nonka Mateva Health Status, Quality of Life and Psycho-climate in Health Care Specialists – survey
17:40 – 17:45	Anna Mihaylova, Petya Kasnakova, Bozhidarka Hadzhieva, Daniel Argilashki Stress in the Work of the Pharmacist in a COVID-19 Pandemic

- 17:45 – 17:50 **Ilin Kandilarov, Natalia Vilmosh, Delian Delev**
Vortioxetine a Multimodal Antidepressant with a Potential Analgesic Activity (Review)
- 17:50 – 17:55 **Maria Georgieva-Kotetarova, Hristina Zlatanova, Vasil Kotetarov**
Cariprazine – a New Hope for Psychiatric Patients
- 17:55 – 18:00 **Maria Georgieva-Kotetarova, Delian Delev, Ilia Kostadinov**
Anxiolytic and Neuroprotective Effects of Cannabidiol: Review
- 18:00 – 18:05 **Natalia Vilmosh, Ilin Kandilarov**
Atomoxetine – an Alternative in the Treatment of Attention Deficit Hyperactivity Disorder
- 18:05 – 18:10 **Karteva T., E. Karteva, D. Keskinova, P. Kanazirska, G. Jordanov, N. Manchorova**
Volumetric Changes of Chronic Periapical Lesion Following Endotonic Treatment
- 18:10 – 18:15 **Румяна Етова**
Информираност на населението относно държавните институции в България за защита и медицинско осигуряване при наводнения
- 18:15 – 18:30 **General Discussion and Closing of the Conference**

Section *Dental Medicine*

Chair: Prof. Dr. SnejanaTzanova

Secretary: Assoc. Prof. Dr. Vesela Stefanova

11:00 – 11:15 **Opening of the Session**

Oral Presentations

11:15 – 11:30 **Bogdan Krastev**

The Necessity of Diagnosing and Treating Chronic Periapical Periodontitis with 3D Cone-beam Computed Tomography

11:30 – 11:45 **Bogdan Krastev**

Nonsurgical Ultrasonic Periodontal Endoscopy. Effect on Bone Healing in Infraossal Defects

11:45 – 12:00 **Kostadin Georgiev, Aleksandra Pecheva**

Clearing Technique as Educational Tool for Exploration of Root Canal System

12:00 – 12:15 **Aleksandra Pecheva, S. Tsanova, R. Raycheva**

Transparency Changes of Ultratranslucent Multi-layered Zirconia

12:15 – 12:30 **Magdalina Urumova, R. Todorov, Stefan Zlatev, Sv. Aleksandrov**

Device for Mechanical-Cyclic Loading of Test Specimens

12:30 – 12:45 **Mariyana Alexandrova, Kristina Kilova**

Parents' knowledge About Children's Caries and Early Prevention

12:45 – 13:00 **Mariela Tsanova-Stamatova, Neshka Manchorova-Veleva**

Step by Step Defining Two Impression Techniques Using Quality Control Software

13:00 – 13:30 **Lunch Break**

13:30– 13:45 **Majed Hussein, Atanas Doshev**

Degree of Awareness of the Dental Practitioners According to Work Experience and Specialty about the Impact of Removable Dentures on Speech Function (Questionnaire Study)

13:45 – 14:00 **Teodora Karteva, Ekaterina Karteva, D. Keskinova, P. Kanazirska, G. Jordanov, N. Manchorova**

Volumetric changes of Chronic Periapical Lesions Following Endodontic Treatment

14:00 – 14:15 **Николай Симеонов, В. Стефанова**

Конфокална лазерна сканираща микроскопия за визуализиране на адхезивния хибриден слой – пилотно изследване

14:15 – 14:30 **Костадин Жеков, Весела Стефанова, Стела Ничева**

Проучване на отношението на лекарите по дентална медицина от

Пловдивска област към използването на биокерамични ендодонтски сийлъри

14.30-14.45 **Десислава Макакова**

Проучване на използваните методи и средства за ретракция сред лекари по дентална медицина

14.45-15.00 **Break**

Poster Presentations

15:00 – 15:05 **Katya Todorova-Plachiyska, Mariya Stoilova-Todorova, Manoela Kalaydzhieva, Konstantin Georgiev**

Cephalometric Assessment Based on Schwarz Analysis Among Bulgarian Population

15:05 – 15:10 **Мариана Димова-Габровска, Десислава Димитрова, Димитър Йовчев**

Ултразвукова диагностика на долночелюстни стави при пациенти с краниомандибуларни дисфункции

15:10 – 15:15 **Мариана Димова-Габровска, Мариета Мандова**

Профилактично постурологично изследване на деца на осемгодишна възраст

15:15 – 15:20 **Соня Ненчева, Мариета Тодорова, Стоянка Велинова**

Проучване сред възрастното население относно проблемите на оралното здраве

15:20 – 15:25 **Мариета Тодорова, Соня Ненчева, Стоянка Велинова, Веселина Тодорова**

Проблеми в оралното здраве на възрастното население от гледна точка на ерготерапията

15:25 – 15:30 **Veselina Todorova, Ivan Filipov**

Methods for Diagnostics of Early Proximal Caries used by Bulgarian Dentists

15:35 – 15:40 ч. **Veselina Todorova, Ivan Filipov**

Methods for Treatments of Early Proximal Caries used by Bulgarian Dentists

15:40 – 16:00 ч. **Обща дискусия и закриване на сесията**

ACADEMIC FIELD *HUMANITIES AND SOCIAL SCIENCES*

24 July 2020

Section *Linguistics*

Chair: Assoc. Prof. Dr. Krasimira Chakarova

Secretary: Desislava Dimitrova, PhD student

11:00 – 11:15 **Opening of the Session**

Oral Presentations

11:15 – 11:30 **Radostina Koleva**

About Some Disagreements in Science, Connected with the Lexico-grammatical Category of Gender in Bulgarian

11:30 – 11:45 **Diana Markova**

Observations on Some Cases of Gender Variability in Derivative Nouns

11:45 – 12:00 **Vasil Stamenov**

To the Question of the "Receptivity" Category in Modern Bulgarian

12:00 – 12:15 **Nikolay Zhelyazkov**

On some Constituency Tests in Dependency Grammar in English and Bulgarian

12:15 – 12:30 **General Discussion and Closing of the Conference**

Section *Economics*

Chair: Prof. DSc(Econ) Bozhidar Hadzhiev
Secretary: Assoc. Prof. Dr. Valentina Aleksieva

13:00 – 13:15 **Opening of the Session**

Oral Presentations

13:15 – 13:30 **Ivelina Kulova**
Challenges Which Business Organizations Face in International Business

13:30 – 13:45 **Ivelina Kulova**
Global Branding – Applying Strategies to Win Customers

13:45 – 14:00 **Vassil Stoychev, Mihaela Mihailova, Peter Marinov**
Regional Development of Industrial Crops Foundation for Innovative Bioeconomy in Bulgaria

14:00 – 14:15 **Михаил Михайлов**
Устойчивото развитие на света до 2030 г.

Poster Presentations

14:15 – 14:20 **Gergana Dimitrova, Megi Dakova**
R&D as a Factor for the Competitiveness of Higher Education

14:20 – 14:25 **Patar Atanasov Atanasov**
Dependence Between Debt and Market Return of OECD Countries

14:25 – 14:30 **Patar Atanasov Atanasov**
Assessment of the Impact of Savings on the Movement of Market

14:30 – 14:35 **Mariyana Kovacheva**
Opportunities for Creating New Generation Chains with Added Value,
Adapted to Organic Food Processing

14:35 – 14:50 **General Discussion and Closing of the Conference**

Section *Social Sciences, Art and Culture*

Chair: Prof. Dr. Veselin Vasilev

Secretary: Dr. Boyan Vasilev

15:30 – 15:45 **Opening of the Session**

Oral Presentations

15:45 – 16:00 **Vanya Uzunova**

The Contradiction Between Traditional (Intellectual and Moral) and Basic Natural (Bodily and Hedonistic) Values as Part of the Process of Value Transformation in Bulgaria in the Years 2001 – 2009 of the Transition

16:00 – 16:15 **Mariyana Anastasova-Tumbakova**

Role and Functions of Municipalities in the Implementation of the State Health Policy

16:15 – 16:30 **Zlatka Vakleva, Temenuga Pavlova**

Didactic Technologies for Interdisciplinary Ecological Education

16:30 – 16:45 **Zlatka Vakleva, Svetla Ivanova**

Education for Sustainable Development – Application in Biology and Health Education

16:45 – 17:00 **Zlatka Vakleva, Polina Djambazova**

Environmental Education in the Digital Environment – Practical Aspect in Teaching Biology and Health Education

17:00 – 17:15 **Nina Toleva-Novac**

Urban Formation: Rings and Waves. A Model for Urban Analysis

17:15 – 17:30 **Nina Toleva-Novac**

Urban Formation: Game of Space and Places

17:30 – 17:45 **Tzvetana Gigova**

Metrorythme and Composition – Interpreter Profile in Jacques Castrede's First Movement of His Sonatine for Trombone and Piano

17:45 – 18:00 **Радослав Смаилов**

Владетелският институт през Първата българска държава

18:00 – 18:15 **Виктор Новак**

Геометрична морфометрика и параметричен дизайн на шрифт

18:15 – 18:30 **Krassimir D. Tarkalanov**

Placing Basic Models of the Real World on Hegel's Reflective Levels

18:30 – 18:45 **Krassimir D. Tarkalanov**

Comparing the Geometrical, Mechanical, and Christian Dualisms

Poster Presentations

18:45 – 18:50

Gulmira Yessimkhanova

Category “Personal Data” in Criminal Legislation

18:50 – 19:00

General discussion and closing of the conference