



**РУСЕНСКИ УНИВЕРСИТЕТ "АНГЕЛ КЪНЧЕВ"  
ФИЛИАЛ РАЗГРАД  
СЪЮЗ НА УЧЕНИТЕ В БЪЛГАРИЯ - КЛОН РАЗГРАД  
РЕГИОНАЛЕН АКАДЕМИЧЕН ЦЕНТЪР НА БАН - РАЗГРАД  
РОТАРИ КЛУБ - РАЗГРАД  
ДОМ НА НАУКАТА И ТЕХНИКАТА - РАЗГРАД**



**63-та ГОДИШНА НАУЧНА КОНФЕРЕНЦИЯ  
НА РУСЕНСКИ УНИВЕРСИТЕТ  
ФИЛИАЛ - РАЗГРАД**

**08.11. - 09.11.2024 г.  
Хотел Лес гр. Разград**

# ПРОГРАМА

08. 11. 2024 г.

09:30 – 14:00 ч.

Хотел Лес – до рецепция

Регистрация на участниците в конференцията

Откриване, 11:00 ч.	КОНФЕРЕНТНА ЗАЛА
ПЛЕНАРНИ ДОКЛАДИ Конферентна зала	История на "жълтите павета" и анализ на особеностите на тяхното производство, състав, структура и свойства <i>проф. д-р Александър Караманов, Емилия Караманова</i> Институт по физикохимия, БАН София <i>Проф. д-р Владислав Костов</i> Институт по минералогия и кристалография, БАН София
	11.10 - 12.30 Различни алтернативни модели на хранене <i>Д-р Татяна Матева – Иванова</i> <i>Проф. д-р Дарина Найденова</i> Медицински университет, Варна
13.30 - 15.30	Заседание на секция "Химични технологии" - <i>конферентна зала</i>
	Заседание на секция "Биотехнологии и хранителни технологии" - <i>конферентна зала</i>
15.30-17.30	Постер сесия - секция "Химични технологии" конферентна зала
	Постер сесия - секция "Биотехнологии и хранителни технологии"- конферентна зала
19:00	Вечеря за участниците в конференцията Ресторант „Лес” - вход с куверти
09. 11. 2024 г.	
09.30-12.00	Постер сесия - секция "Химични технологии" конферентна зала
	Постер сесия - секция "Биотехнологии и хранителни технологии"- конферентна зала
12.00-12.30	Награждаване на авторите на най-добрите доклади от двете секции с кристален приз "THE BEST PAPER". Закриване на конференцията.

08.11. 2024

**Section "Chemical Technologies"**

**Sectional reports: 13.30-14.30 - conference room**

**Session Chair: Assoc. Prof. Temenuzhka Haralanova, PhD**

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

01. Luminescence properties of samarium and europium complexes with dithiocarbamate ligand  
**Ivelina Georgieva, Tsvetan Zahariev, Borris Borrisov, Natasha Trendafilova, Rositsa Kukeva, Martin Tsvetkov, Denitsa Elenkova**
02. Hydrothermal amino acids formation from simple prebiotic precursors  
**Sofia Slavova, Nina Stoyanova - Nankova, Sonya Harizanova, Ivayla Dincheva, Mila Rusanova, Sofiya Ivanovska, Venelin Enchev**
03. Simulating the process of obtaining corundum ceramics with incorporated graphene nanostructures  
**Margarita Georgieva, Stancho Pavlov, Irena Markovska, Adriana Georgieva**
04. Optical properties and tautomerism of 2-carbamido-1,3-indandione in ground and excited states  
**Venelin Enchev, Tsvetan Zahariev, Nina Stoyanova, Ivan Angelov, Ivelina Georgieva**
05. Designing a hydrogen supply chain according to environmental, economic and social criteria  
**Evgeniy Ganev, Elisaveta Kirilova, Venko Beschkov**

**Section "Biotechnologies and Food Technologies"**

**Sectional reports: 14.30-15.30 - conference room**

**Session Chair: Assoc. Prof. Iliana Kostova, PhD**

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

01. Chemical composition, phenolic complex and antioxidant activity of white wines produced in contact with oak wood  
**Tatyana Yoncheva, Dimitar Dimitrov**
02. An overview of latest trends in reducing food losses and waste management  
**Darina Georgieva**

**08.11. 2024, 09.11. 2024**  
**Section "Chemical Technologies"**  
**Poster session: 15.30-17.00 – conference room**  
**Session Chair: Prof. Tsvetan Dimitrov, PhD**

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

01. Possibilities of obtaining nanocomposite materials as adsorbents for waste water treatment  
**Adriana Georgieva, Ralitzia Koleva, Gergana Peeva, Krasi Panayotova**
02. Location optimization of the elements of the combined dairy-biodiesel supply chain  
**Desislava Nikolova**
03. Preliminary studies of Bulgarian natural raw materials as possible sources for the synthesis of high-quality ceramics of the "yellow" pavers type  
**Vladislav Kostov-Kytin, Aleksandar Nikolov, Gergana Velyanova, Liliya Tsvetanova, Alexander Karamanov**
04. A systematic review of machine learning methods for finding molecules with antimicrobial activity  
**Lilyana Ivanova, Momchil Lambev, Plamen Bekyarov, Nadya Agova**
05. Hydrothermal synthesis of nanoscaled materials containing platinum group metal using sodium hydrogensulfate  
**Kremena Todorova, Velyana Georgieva, Svetlana Genieva**
06. Investigation of methods for extracting calcium carbonate from waste eggshells  
**Ganka Kolchakova, Dimitrina Kiryakova, Antoniya Ilieva, Yancho Hristov**
07. Selection of a stable thermal regime in different types of chemical reactors during an exothermic reaction  
**Desislava Koleva**
08. Synthesis of new 1,8-naphthalimide derivatives with potential biological activity  
**Marin Marinov, Iliana Kostova, Iliana Nikolova**
09. Synthesis and antimicrobial properties of 2-[2-(1,3-dioxobenzo[de]isoquinolin-2-yl)ethyl]-6-ethylsulfanylbenzo[de]isoquinoline-1,3-dione  
**Marin Marinov, Iliana Nikolova, Iliana Kostova**
10. Synthesis and phase composition of Mn - augite ceramics  
**Tsvetan Dimitrov, Rositsa Titorenkova, Ognyan Petrov**
11. Studying the kinetics of synthesis of tmp esters of oleic acid with a view of their application as metalworking fluids  
**Vasil Kopchev**
12. Lowering the temperature of bioglass synthesis is a priority area of modern biomedical engineering  
**Olena Khomenko, Tsvetan Dimitrov, Oleksandra Makedonskaya, Ivan Honcharuk**

13. Investigation of properties of alkaline-free glasses for sintering dielectric ceramic materials  
**Olersandr Zaichuk, Tsvetan Dimitrov, Oleksandra Amelina, Yurii Hordieiev, Danyil Filonenko**
14. Synthesis of zinc stearate from zinc oxide and stearic acid using a combination of sodium dodecyl sulfate as anionic and polyvinyl alcohol as nonionic surfactant  
**Stanislav Bayryamov**

**08.11. 2024, 09.11. 2024**

**Section "Biotechnologies and Food Technologies"**

**Poster session: 09.30-12.00 - conference room**

**Session Chair: Prof. Stanka Damyanova, DSc**

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

01. Composition and properties of glyceride oil from milk thistle seeds expeller (*Silybum marianum* L.)  
**Ira Taneva**
02. Polyphenolic composition and antimicrobial activity of seed extracts of eight grape cultivars  
**Yavor Ivanov**
03. Nutritional value and application of physalis leaves as feed additives  
**Nadezhda Mazova**
04. Physical and chemical indicators of extracts from sage (*Salvia officinalis* L.) used in cosmetics  
**Silviya Mollova**
05. Requirements for the composition and characteristics of honey, offered in childcare establishments  
**Vanya Prodanova-Stefanova**
06. Physico-chemical parameters and sensory evaluation of fresh and dried "Kossara" cherry fruits  
**Maria Dimitrova-Dimova, Pavlina Doykina, Aneta Popova**
07. Analysis of the chemical composition of commercial basil essential oils by the method of infra-red spectroscopy  
**Tzvetan Vasilev, Radoslava Nikolova, Krasimira Dobрева, Albena Stoyanova**
08. Chemical composition and biological activities of Bulgarian propolis  
**Iliana Nikolova, Vanya Prodanova-Stefanova**
09. Investigation of the influence of sodium alginate on rennet curdling activity and coagulation ability  
**Darina Georgieva, Ivelina Ivanova**
10. Awareness evaluation of theurapeutic fasting among volunteers  
**Tereza Stoyanova, Georgi Kostadinov, Mihaela Valcheva, Dimitar Stavrev**

**ATTENTION !**

**Author/s of the best report and a young scientist  
in each section will be awarded by the Rector  
with Certificate and Crystal PRIZE**

**“THE BEST PAPER”**

