



**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**



**61-ва ГОДИШНА НАУЧНА КОНФЕРЕНЦИЯ
НА РУСЕНСКИ УНИВЕРСИТЕТ
ФИЛИАЛ - РАЗГРАД**

**Нови индустрии, дигитална икономика,
общество – проекции на бъдещето V**

**04.11.2022 г.
Хотел Лес гр. Разград**

ПРОГРАМА

04. 11. 2022 г.

09:30 – 14:00 ч.
Хотел Лес - до рецепция
Регистрация на участниците в конференцията

Откриване, Приветствия 11:00 ч.	КОНФЕРЕНТНА ЗАЛА https://meet.uni-ruse.bg/b/fht-4en-rjy
ПЛЕНАРНИ ДОКЛАДИ Конферентна зала 11.10 - 12.30	Директен синтез на графен чрез комбинирано използване на електролиза и ултразвук <i>Проф. д-р Ирена Марковска</i> Университет "Асен Златаров", Бургас, България
	Междупоколенческите семейни бизнеси като средство за развитие на хранително-вкусовата промишленост <i>Доц. д-р Даниел Павлов</i> Русенски Университет „Ангел Кънчев“, Русе, България
13.30 - 15.30	Заседание на секция "Химични технологии" - конферентна зала
	Заседание на секция "Биотехнологии и хранителни технологии" - конферентна зала
15.30-17.30	Постер сесия - секция "Химични технологии" конферентна зала
	Постер сесия - секция "Биотехнологии и хранителни технологии"- конферентна зала
17.30	Награждаване на авторите на най-добрите доклади от двете секции с кристален приз "THE BEST PAPER"
19:00	Вечеря за участниците в конференцията Ресторант „Лес“ - вход с куверти

04.11. 2022

Section "Chemical Technologies"

Sectional reports: 13.30-14.30 - conference room

Session Chair: Assoc. Prof. Temenuzhka Haralanova, PhD

FRI-LCR-1-CT(R)

01. Obtaining corundum ceramic samples incorporated graphene
Margarita Georgieva, Adriana Georgieva, Fila Yovkova, K. Panayotova
02. A new look on the titration of weak electrolytes: application of the least squares method
Petar Petrov

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. Fermentation technology of leaves for flavored drinks
Halyna Dubova, Iryna Levchuk, Olha Holubets, Vladyslav Miroshnikov
02. Anethole isolation, synthesis, properties: Brief overview
Martina Pencheva, Iliana Nikolova, Stanka Damyanova, Albena Stoyanova
03. Preservatives used in food—antioxidant activity and spectra in UV-VIS, mid-infrared region
Mariya Georgieva

04.11. 2022

Section "Chemical Technologies"

Poster session: 15.30-17.00 – conference room

Session Chair: Assoc. Prof. Tsvetan Dimitrov, PhD

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

01. Possibilities for the preparation of ceramic materials incorporating graphene and carbonate nanostructures
Adriana Georgieva, Fila Yovkova, Krasi Panayotova, Margarita Georgieva, Mariela Minova
02. Microwave-assisted synthesis of cost-effective and environmentally friendly electrochemical materials
Ivelina Tsacheva, Mariela Dimitrova, Adriana Gigova, Ognyan Dimitrov, Dzhamal Uzun
03. Uncertainties in the design of supply chain for biodiesel within the republic of Bulgaria
Evgeniy Ganev, Yunzile Dzhelil
04. Influence of the heat treatment on the tendency to intergranular corrosion of austenitic stainless steel AISI 321
Mariana Ilieva

05. Synthesis and physicochemical characterization of novel zirconium and hafnium tellurites
Georgi Rusev, Svetlana Genieva
06. Application of a mathematical model for making a smart decision for improving sustainability of combined dairy / biodiesel supply chain
Desislava Nikolova, Konstantina Galcheva
07. Peculiarities of grinding up engobe slips for decorating ceramic bricks
Olena Khomenko, Oleksandr Zaichuk, Tsvetan Dimitrov, Daryna Filonenko
08. Synthesis and antimicrobial activity of 2-[4-methyl-4-phenyl-2,5-bis(sulfanylidene)imidazolidin-1-yl]-1*h*-benzo[*de*]isoquinoline-1,3(2*H*)-dithione and its metyl derivative
Marin Marinov, Iliana Kostova, Iliana Nikolova, Neyko Stoyanov
09. Mullite ceramic pigments obtained from biowaste - rice husk
Fila Yovkova, Mariela Minova, Tsvetan Dimitrov, Adriana Georgieva
10. Ceramic pigments based on the mineral mullite /3Al₂O₃.2SiO₂/
Fila Yovkova, Tsvetan Dimitrov, Adriana Georgieva, Mariela Minova
11. Acidity adjustment of the solutions for coating deposition and further sealing by Lourier buffers
Stefania Portolesi, Stephan Kozhukharov, Temenuzhka Haralanova, Christian Girginov
12. Diopside ceramic pigments obtained by a sol-gel method with the participation of different chromophore elements
Tsvetan Dimitrov, Rositsa Titorenkova, Ognyan Petrov

Section "Biotechnologies and Food Technologies"

Poster session: 15.30-17.00 - conference room

Session Chair: Prof. Stanka Damyanova, DSc

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

01. Starch – microstructure, textural and thermal properties
Pavlina Doykina, Aneta Popova, Zhivka Goranova
02. Biogas production in a system of cascade anaerobic digesters
Ivan Angelov, Venko Beschkov
03. CO₂ recycling with production of organic chemicals by electrolysis
Ivanka Dimova, Venko Beschkov, Ljutskan Ljutskanov
04. Possibilities to improving the calcium content in wheat bread
Dana Stefanova, Denka Zlateva
05. Investigation of active paper packaging materials with silver water
Iliana Kostova, Darina Georgieva, Stanka Damyanova
06. Development of functional foods for type 2 diabetes
Elena Sergheeva, Mihaela Geicu-Cristea, Florentina Matei, Mona Elena Popa, Elisabeta Elena Popa, Ecaterina Robu, Cristina Popovici
07. Development of foods with antioxidant and anticancer potential
Ecaterina Robu, Elena Sergheeva, Cristina Popovici

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”

