



**РУСЕНСКИ УНИВЕРСИТЕТ “АНГЕЛ КЪНЧЕВ”
ФИЛИАЛ РАЗГРАД
СЪЮЗ НА УЧЕНИТЕ В БЪЛГАРИЯ - КЛОН РАЗГРАД
ЕИЦ - ЕВРОПА ДИРЕКТНО - ВЕЛИКО ТЪРНОВО
РЕГИОНАЛЕН АКАДЕМИЧЕН ЦЕНТЪР НА БАН - РАЗГРАД
ДОМ НА НАУКАТА И ТЕХНИКАТА - РАЗГРАД**



**59-та ГОДИШНА НАУЧНА КОНФЕРЕНЦИЯ
НА РУСЕНСКИ УНИВЕРСИТЕТ
ФИЛИАЛ - РАЗГРАД
Нови индустрии, дигитална икономика, общество –
проекции на бъдещето III**

Посветена на 75-годишния юбилей на Русенския университет

**06.11. - 07.11. 2020 г.
гр. Разград**

ПРОГРАМА

06. 11. 2020 г.

Откриване, Приветствия 11:00 ч.	НАЧИН НА ПРОВЕЖДАНЕ – ОНЛАЙН https://meet.uni-ruse.bg/b/er6-6jy-9c6
ПЛЕНАРНИ ДОКЛАДИ 11.10 - 13.00	Компютърно приложение за оценка качеството на продуктите на зърнена основа <i>Проф. д-р Ясмина Лукинац</i> Университет „Йосиф Щросмайер“, Осиек, Хърватия
	FTIR микроспектроскопия за изследване на нееднородни по фазов състав и структурни характеристики биологични минерализации <i>Доц. д-р Росица Тиморенкова</i> Институт по минералогия и кристалография "Акад. Иван Костов", БАН, София
	Хартия от камък <i>Инж. Анелия Пергот</i> Европак България, Варна
	Интегриран подход за индустриална обработка на орехи <i>Доц. д-р Кристина Попович</i> Технически университет, Кишинев, Молдова
14.00 - 16.00	Заседание на секция "Химични технологии"
14.00 - 16.00	Заседание на секция "Биотехнологии и хранителни технологии"
07.11.2020г.	9.30-11.30 Постер сесия - секция "Химични технологии" -
	9.30-11.30 Постер сесия - секция "Биотехнологии и хранителни технологии"
	11.30 Обявяване на отличените автори на най-добрите доклади от двете секции с кристален приз "THE BEST PAPER" Закриване на конференцията https://meet.uni-ruse.bg/b/er6-6jy-9c6

Friday 6 November 2020	
14:00 – 16:00	Parallel Scientific Sessions ONLINE https://meet.uni-ruse.bg/b/er6-6jy-9c6
FRI- ONLINE-1-CT(R)	Chemical Technologies <i>Session Chair: Assoc. Prof. Temenuzhka Haralanova, PhD</i>
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
14:00 – 16:00	Parallel Scientific Sessions ONLINE https://meet.uni-ruse.bg/b/xm7-rea-tpk
FRI– ONLINE-1-BFT(R)	Biotechnologies and Food Technologies <i>Session Chair: Assoc. Prof. Iliana Kostova, PhD</i>
FRI- ONLINE-1-BFT(R)-01:	Kinetic analysis of bimolecular complementation "virus-host-cell" by surface plasmon resonans (Spr) method Evdokiya Belina, Radoslav Marinov, Petia Genova-Kalou
FRI- ONLINE-1-BFT(R)-02:	Antiviral effect of <i>Graptopetalum paraguayense</i> E. Walther leaf extract and its phenol acids fraction against human coronavirus 229E (HCoV-229E) <i>in vitro</i> 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 <i>Session Chair: Assoc. Prof. Tsvetan Dimitrov, PhD</i>
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 <i>Graptopetalum paraguayense</i> 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 ₃) 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 ₂ SO ₄ 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
SAT-ONLINE-P-2-BFT(R)	Biotechnologies and Food Technologies <i>Session Chair: Prof. Stanka Damyanova, DSc</i>
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 – naphthoylene – 1,2 – benzimidazole – 1 - OH Neyko Stoyanov, Iliana Kostova, Iliana 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

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”

