



РУСЕНСКИ УНИВЕРСИТЕТ "АНГЕЛ КЪНЧЕВ"
ФИЛИАЛ РАЗГРАД
РЕГИОНАЛЕН АКАДЕМИЧЕН ЦЕНТЪР НА БАН РАЗГРАД
ДОМ НА НАУКАТА И ТЕХНИКАТА
СЪЮЗ НА УЧЕНИТЕ В БЪЛГАРИЯ- КЛОН РАЗГРАД
ПОД ПАТРОНАЖА НА КМЕТА НА ОБЩИНА РАЗГРАД



56-ТА ГОДИШНА НАУЧНА КОНФЕРЕНЦИЯ
НА РУСЕНСКИ УНИВЕРСИТЕТ
ФИЛИАЛ - РАЗГРАД
Индустрия 4.0. Бизнес среда. Качество на живот

03.11. - 04.11.2017 г.
Хотел "Картоон" гр. Разград

ПРОГРАМА

03.11.2017 г.

09:30 – 16:00ч.
Хотел "Картоон" - до рецепция
Регистрация на участниците в конференцията

11:00 ч.
КОНФЕРЕНТНА ЗАЛА LCR

Откриване, Приветствия 11:00 ч.	
ПЛЕНАРНИ ДОКЛАДИ 11.15-13.00	Бета-глюкани от гъби в развитието на функционалните храни <i>доц. ктн Марк Шамцян</i> Санкт-Петербургски държавен технологически институт, (Технически университет), Санкт Петербург, Русия
	Производство на алкохол за горене на база мокро смилане на царевица <i>Светлозар Караджов</i> Амилум България ЕАД
14.00-16.30	Заседание на секция "Химични технологии" зала LCR
	Постер сесия: Секция "Биотехнологии и хранителни технологии" зала LB
19:00 ч.	Вечеря за участниците в конференцията Ресторант „Папараци” - вход с куверти
04.11.2017г.	9.30-11.30 Заседание на секция "Биотехнологии и хранителни технологии"- зала LCR
	9.30-11.30 Постер сесия – секция "Химични технологии" зала LB
	11.30 Награждаване на авторите на най-добрите доклади от двете секции с кристален приз "THE BEST PAPER" Закриване на конференцията

03.11.2017

Section "Chemical Technologies "
Sectional reports: 03.11. 2017 14.00-16.30 – room LCR
Session Chair: Miluvka Stancheva

FRI-LCR-1-CT(R)

- 01 Porous structure of chars obtained from agro-wastes
Lenia Gonsalvesh, Velyana Georgieva, Mariana Tavlieva, Stancho Pavlov
- 02 Full assignment of ^1H and ^{13}C NMR spectra of (9*H*-fluoren-9-yl)-urea
Maria Frenkeva, Marin Marinov, Plamen Penchev
- 03 Power consumption reduction by modifying the shape of mixing impellers in chemical reactors
Dobrin Georgiev, Zhivko Ivanov, Mariana Karaivanova
- 04 Oxidation kinetics of copper slag
Dimitar Georgiev, Dimitar Rusev, Ivan Gradinarov
- 05 Possibilities for technology to produce biodiesel from waste oils
Evgeniy Ganev, Boyan Ivanov, Dragomir Dobrudzhaliev, Yunzile Dzhelil
- 06 Formamide-based prebiotic chemistry: one-pot synthesis of nucleobases and amino acids
Venelin Enchev, Nadezhda Markova, Nina Stoyanova, Miroslav Rangelov, Ivan Angelov, Ivayla Dincheva

Section " Biotechnologies and Food Technologies "
Poster session: 03.11.2017 14.00-16.30 – room LB
Session Chair: Nastia Ivanova

FRI-LB-P-1-BFT(R)

01. Influence of whole grain cereals on health
Gjore Nakov, Ljupka Necinova, Toni Miteski
02. Dietary habits of a part of the population in the republic of Macedonia
Viktorija Stamatovska, Zora Uzunoska, Tatjana Kalevska, Gjore Nakov, Ana Antovska
03. Application of a document camera for color measurement of dairy products
Zlatin Zlatev
04. Biochemical aspects of walnut dairy free milk
Cristina Popovici, Alexei Baerle, Pavel Tatarov
05. Quality of milk for the production of white brined cheese
Tatjana Kalevska, Zora Uzunoska, Viktorija Stamatovska, Vezirka Jankuloska
06. Determination of fenbuconazole in apples (golden delicious) from different location
Vezirka Jankuloska, Ilija Karov, Gorica Pavlovska, Tatjana Kalevska
07. Application of dietary fiber in raw-smoked sausage type „Petrohan”
Diana Indzhelieva, Katja Valkova-Jorgova, Diliyana Gradinarska
08. Chemical composition of aromatic products from laurel leaves (*Laurus nobilis* L.)
Galina Stefanova, Lubomir Stefanov, Stanka Damyanova, Albena Stoyanova
09. Features of foreign experience of mikro-insurance for insurance market in Ukraine
Mykhailo Arych
10. Substantiation of the heat treatment modes of the cooked sausage in the universal smoking-cooking chamber
Oleksiy Nescuba, Olena Chepeliuk, Oleksandr Chepeliuk
11. Intensification of the extraction process manufacture of bitter tinctures
Natalia Popova, Taras Misyura, Chorny Valenty, Rybachok Albina

12. Innovative method of water treatment in hydroponic system
Valeriy Myronchuk, Iryna Dubovkina
13. Development of mechatronic modules for packaging machines on the basis of synergetic integration elements
Liudmyla Kryvoplias-Volodina, Olexandr Gavva, Taras Hnativ
14. Features of a ultra-fine grinding by wet method in bead mills
Kateryna Hrininh, Oleksii Gubenia
15. Investigation of the yeast dough mixing process
Vitalii Rachok, Yuliia Telychkun, Mykola Desyk, Volodymyr Telychkun
16. The research of a one-step and two-step ejector with a compact and dispersed jet of liquid
Vitaly Ponomarenko, Dmitriy Lulka, Tsvetan Dimitrov, Svyatoslav Lementar, Yaroslav Khitriy, Natali Perekrest
17. The functionality of industrial control valves in the station of defecosaturation
Valerii Myronchuk, Sergii Volodin
18. Effect of influence OF *Bacillus subtilis* TS 01 on the growth of mycotoxigenic fungi
Sevdalina Todorova
19. Using relative data in food technology
Mariyka Petrova
20. Use of essential oils in dairy products 2. Essential oil of dill (*Anethum graveolens*)
Iliana Kostova, Stanka Damyanova, Nastya Ivanova, Albena Stoyanova
21. Thermomechanical characteristics of high elastic vulcanizates used in food machinery
Delian Gospodinov, Vilhel'n Hadjiiski, Stefan Stefanov

04.11.2017

Section " Biotechnologies and Food Technologies "
Sectional reports: 04.11. 2017 09.30-11.30– room LCR
Session Chair: Iliana Kostova

SAT–LCR-2-BFT(R)

01. Physical characteristics of functional biscuits
Gjore Nakov
02. Actuality and importance of the gluten-free baking goods production, choice of raw materials
Ivayla Sopotenska, Valentina Chonova
03. Modeling of mechanical systems by the reodynamic method
Victor Goots, Oleksii Gubenia, Alina Sheina, Myroslav Tarasenko
04. Influence of *Pleurotus ostreatus* preparations on yogurt cultures
Ekaterina Antontceva, Sergei Sorokin, Mark Shamtsyan
05. Milk-clotting activity of higher fungi *Funalia trogii*
Ekaterina Gannochka, Boris Kolesnikov, Mark Shamtsyan
06. Composition and solubility of fouling in milk processing installations
Stefan Stefanov, Yordanka Stefanova, Sneganka Atanasova, Galina Angelova
07. Mushroom polysaccharide for fortification of dairy product
Viktoriya Sedykh, Ekaterina Antontceva, Sergei Sorokin, Mark Shamtsyan
08. Investigation of the efficiency of decontamination by indirect cold plasma of raw nuts
Tsvetan Yanakiev, Stefan Stefanov, Iliana Kostova

Section "Chemical Technologies "
Poster session: 04.11. 2017 09.30-11.30 – room LB
Session Chair: Tsvetan Dimitrov

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

01. Specifics of formation of the composition of natural waters in Strandja mountain
Blagovesta Midyurova, Ivan Chobanov, Maria Dimova
02. Aqueous solution properties of diblock copolymers of poly(allyl glycidyl ether) and polyglycidol
Miroslava Valchanova, Stanislav Rangelov, Emilya Ivanova, Sevdalina Turmanova
03. Tautomerism of inosine in water: Is it possible?
Nadezhda Markova, Venelin Enchev
04. High density polyethylene composites containing wood flour
Antoniya Ilieva, Dimitrina Kiryakova, Milica Koleva
05. Theoretical model of development of chemical toxic zone as a result of accident with propene
Sabina Nedkova, Plamena Atanasova
06. Low-temperature glass-ceramics based on spodumene
Alexander Zaychuk, Tsvetan Dimitrov, Alexandra Amelina, Darina Vedmead
07. Effect of the coefficient of mass transfer by rectification of tetrachloromethane-toluene mixture
Zhivko Ivanov, Mariana Karaivanova, Dobrin Georgiev
08. The efficiency of protective actions of the borosilicate coatings
Alexey Karasyk, Olena Karasyk, Tsvetan Dimitrov
09. Kinetics of thermal decomposition of $\text{Se}_2(\text{SeO}_3)_3 \cdot 3\text{H}_2\text{O}$ and $\text{Nd}_2(\text{SeO}_3)_3 \cdot 5\text{H}_2\text{O}$
Svetlana Genieva, Ginka Baikusheva-Dimitrova, Rummyana Yankova, Miluvka Stancheva, Tsvetan Dimitrov
10. Investigation of adsorption of iron, manganese, and ammonium ions from natural zeolite – type clinoptilolite using ultrasound
Todor Mihalev, Irena Markovska, Stanka Yaneva, Plamen Pashev, Fila Yovkova
11. Investigation of hydrocarbon groups of alternative sources
Yordanka Tasheva
12. Nucleophilic reaction of sulfinic acids with 4-hydroxy- β -chloro- β -nitrostyrene
Sonya Ivanova
13. Study of 1,3-indandione derivatives for their use as steel corrosion inhibitors in acidic media
Temenuzhka Haralanova, Christian Girginov, Angel Dishliev
14. Synthesis of new 4 - and 5 - nitro-substituted heteroaryl cinnamoyl derivatives and their Cu(II) complexes
Iliana Nikolova, Marin Marinov

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”

