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NACIONALNO DRUŠTVO ZA PROCESNU TEHNIKU
I ENERGETIKU U POLJOPRIVREDI, NOVI SAD

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SUPPORTERS:

Ministry of Education, Science and Technological Development,
Ministry of Agriculture, Forestry and Water Management
Executive Council of the Autonomus Province of Vojvodina:

Secretariat for Science and Technological Development,
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NACIONALNO DRUŠTVO ZA PROCESNU TEHNIKU I ENERGETIKU U POLJOPRIVREDI
UNIVERZITET U NOVOM SADU
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THIRD INTERNATIONAL CONFERENCE
SUSTENABLE POSTHARVEST AND
FOOD TECHNOLOGIES

INOPTEP 2013

and

XXV NATIONAL CONFERENCE
PROCESSING AND ENERGY IN
AGRICULTURE

- PROGRAM -

EXPERT CONFERENCE
FOR DRYING, STORAGE AND PROCESSING OF
AGRICULTURAL PRODUCTS, FOOD
TECHNOLOGY AND ENERGY IN AGRICULTURE

PTEP 2013



21.04 - 26.04.2013.

VRNJAČKA BANJA, HOTEL "ZVEZDA"

	PROGRAM OF CONFERENCE Sunday, 21.04.2013. Arrival and registration participants of conference. Appointment posters. Monday, 22.04.2013. – International cinference INOPTEP 2013 and National conference PTEP 2013			
17 ⁰⁰ -19 ⁰⁰	Opening of conference and „Welcome cocktail“.			
09 ⁰⁰ -10 ⁰⁰	Block A – Plenary – By invitation (Serbian ↔ English translation): Presiding: dr Ljiljana Babić, dr Zsuzsanna Zsuzsanna Füstös, András Fehér, Hajnalka Köblös: TENDENCY OF THE DIFFERENT PEPPER VARIETY TYPES PRODUCTION IN EUROPE AND HUNGARY IN THE LAST 20 YEARS,	10 ⁰⁰ -10 ²⁰	<i>Pause</i>	09 ³⁰ -09 ⁴⁰
10 ⁰⁰ -10 ²⁰	Ljiljana Babić, Milivoj Radojčin, Mirko Babić, Ivan Pavkov: SQUEEZING ENERGY REQUIREMENT FOR PUMPKIN (Cucurbita pepo) KERNEL DEFORMATION,	10 ²⁰ -10 ⁴⁰	Marco Dalla Rosa, Pietro Rocculi, Valentina Panarese, Santina Romani, Silvia Tappi: MINIMALLY PROCESSED FRUIT AND VEGETABLES: METABOLIC MODIFICATIONS AND QUALITY RETENTION,	09 ⁴⁰ -09 ⁵⁰
10 ²⁰ -10 ⁴⁰	Jovanka Lević, Slavica Sredanović: CHALLENGES FOR FEED INDUSTRY IN SERBIA,	10 ⁴⁰ -11 ⁰⁰	Peter Hlaváč, Monika Božiková, Krassimira Kardjilova: SELECTED RHEOLOGIC PROPERTIES OF WHISKY	09 ⁵⁰ -10 ⁰⁰
10 ⁴⁰ -11 ⁰⁰	Maja Benković, Ingrid Bauman: PHYSICAL PROPERTY ASSESSMENT OF COFFEE BASED CAPPUCCINO POWDER DURING STORAGE,	11 ⁰⁰ -11 ²⁰	<i>Pause</i>	10 ⁰⁰ -10 ¹⁰
11 ⁰⁰ -11 ²⁰	<i>Pause</i>	11 ²⁰ -12 ⁰⁰	Block B: Oral presentations in English	10 ¹⁰ -10 ²⁰
11 ²⁰ -11 ⁴⁰	Predsedavajući: dr Jovanka Lević, dr Svetlana Balešević-Tubić Aleksandra Dimitrijević, Biljana Veljković, Ranko Koprivica, Milovan Živković: BIOMASS POTENTIAL FROM THE PRUNING AND FRUIT PROCESSING RESIDUES IN SERBIA,	12 ⁰⁰ -12 ¹⁰	Presiding: dr Dorota Krigiel, dr Milica Radosavljević	10 ²⁰ -10 ³⁰
11 ⁴⁰ -12 ⁰⁰	Mirko Babić, Ljiljana Babić, Milivoj Radojčin, Ivan Pavkov, Stanislav Babić: INDUSTRIAL MODEL OF DRIED FRUIT AND VEGETABLE PRODUCTION BY COMBINED TECHNOLOGY,	12 ¹⁰ -12 ²⁰	Urszula Tylewicz, Pietro Rocculi, Małgorzata Nowacka, Santina Romani, Marco Dalla Rosa: NON-THERMAL PROCESSING OF APPLE AND KIWI FRUIT TO PRESERVE THEIR QUALITY AND STABILITY	10 ³⁰ -10 ⁴⁰
12 ⁰⁰ -12 ²⁰	Marijenka Tabaković, Radovan Sabovljević, Milovan Pavlov, Miloš Crevar, Mi-oljub Mišović, Snežana Jovanović: INFLUENCE OF GRAIN MOISTURE AT HARVEST ON THE MAIZE SEED GERMINATION	12 ²⁰ -12 ³⁰	Aleksandra Đukić-Vuković, Ljiljana Mojović, Valentina Semenčenko, Milica Radosavljević, Svetlana Nikolić, Jelena Pejcin, Vladan Mičić: PRODUCTION OF QUALITY ANIMAL FEED AS A BY-PRODUCT OF LACTIC ACID FERMENTATION ON STILLAGE	10 ⁴⁰ -10 ⁵⁰
12 ²⁰ -12 ⁴⁰	Looking of poster and talking with authors	12 ³⁰ -12 ⁴⁰	Jelena Pejcin, Olgica Grujić, Miloš Radosavljević, Sunčica Kocić-Tanacković: THE APPLICATION OF TRITICALE VARIETY ADONIS AS THE SUBSTITUTE FOR BARLEY MALT IN WORT PRODUCTION	10 ⁵⁰ -11 ⁰⁰
12 ⁴⁰ -13 ⁴⁰	Block B: Oral presentations in English	12 ⁴⁰ -12 ⁵⁰	Miona Belović, Žarko Kevrešan, Jasna Mastilović, Mladenka Pestorić: COMPARISON OF POSTHARVEST SHELF LIFE OF TOMATO VARIETIES AND LINES HARVESTED AT EARLY RIPENING STAGE	10 ⁵⁰ -11 ⁰⁰
15 ⁰⁰ -17 ⁰⁰	Presiding: mr Maja Benković, dr Ivan Pavkov	12 ⁵⁰ -13 ⁰⁰	Siniša Bikić, Maša Bukurov, Bojan Marković, Ivan Pavkov, Milivoj Radojčin: METHODOLOGY FOR TESTING THE HYDRAULIC CHARACTERISTICS OF FLEXIBLE ALUMINUM PIPES	10 ⁵⁰ -11 ⁰⁰
15 ⁰⁰ -15 ¹⁰	Nataša Nedeljković, Marijana Sakač, Anamarija Mandić, Aleksandra Mišan, Pavle Jovanov, Dubravka Jambreč, Vojislav Banjac, Bojana Šarić, Mladenka Pestorić: CHALLENGES IN CREATING GLUTEN-FREE COOKIES	13 ⁰⁰ -13 ¹⁰	Ivana Karabegović, Saša Stojičević, Dragan Veličković, Valentina Simić, Nada Nikolić, Miodrag Lazić: OPTIMIZATION OF A MICROWAVE-ASSISTED EXTRACTION OF EXTRACTIVE SUBSTANCES FROM CHERRY LAUREL FRUIT	10 ⁵⁰ -11 ⁰⁰
15 ¹⁰ -15 ²⁰	Dubravka Jambreč, Mladenka Pestorić, Marijana Sakač, Nataša Nedeljković, Miroslav Hadnađev, Bojana Filipčev, Olivera Šimurina: SENSORY AND INSTRUMENTAL PROPERTIES OF NOVEL GLUTEN-FREE PRODUCTS	13 ¹⁰ -13 ²⁰	<i>Pause</i>	10 ⁵⁰ -11 ⁰⁰
15 ²⁰ -15 ³⁰	Anđelko Bajkin, Milivoj Radojčin, Ondrej Ponjičan, Dragi Radomirović: IMPACT OF THE ROTARY TILLER ROTOR ROTATION DIRECTION ON SOIL TILLAGE, ENERGETIC ASPECTS	13 ²⁰ -13 ³⁰	Presiding: dr Peter Hlaváč, dr Željko Dželetović	11 ⁰⁰ -11 ¹⁰
15 ³⁰ -15 ⁴⁰	Maša Bukurov, Siniša Bikić, Bojan Marković, Ivan Pavkov, Milivoj Radojčin: THE IMPACT OF THE STORAGE PERIOD IN THE FREEZER ON THE RHEOLOGICAL PROPERTIES OF QUINCE PUREE	13 ³⁰ -13 ⁴⁰	Iva Živanović, Željko Dželetović, Mirjana Lazić, Goran Lazić: AUTUMN AND WINTER LOSSES OF <i>MISCANTHUSxGIGANTEUS</i> BIOMASS YIELD DUE TO DELAYING OF HARVEST	11 ¹⁰ -11 ²⁰
15 ⁴⁰ -15 ⁵⁰	Ana Matin, Tajana Krička, Vania Jurišić, Nikola Bilandžija, Neven Voča, Milan Pospišil, Jelena Vuković: QUALITATIVE CHANGES OF RAPESEED IN PROCESS OF CONVECTIVE DRYING	13 ⁴⁰ -13 ⁵⁰	Milivoj Radojčin, Mirko Babić, Ljiljana Babić, Ivan Pavkov, Zoran Stamenković: EFFECTS OF DIFFERENT PRETREATMENTS ON PEAR COLOUR ALTERATION DURING COMBINED DRYING	11 ²⁰ -11 ³⁰
15 ⁵⁰ -16 ⁰⁰	Suzana Đedović, Marina Vukša Goran Jokić, Tanja Šćepović: ENVIRONMENTALLY SAFE PERFORMANCE OF PRODUCTS FOR MANAGEMENT OF COMMENSAL RODENTS IN SERBIA	13 ⁵⁰ -14 ⁰⁰	Dragan Terzić, Rade Stanisavljević, Bora Dinić, Dragoslav Đokić, Jordan Marković: THE IMPACT OF THE APPLICATION OF BORON ON GERMINATION AND ALFALFA SEED SIZE	11 ³⁰ -11 ⁴⁰
16 ⁰⁰ -16 ¹⁰	<i>Pause</i>	14 ⁰⁰ -13 ⁵⁰	Sladana Rakita, Jelena Tomić, Milica Pojić, Aleksandra Torbica, Dragana Živančev, Miroslav Hadnađev, Tamara Dapčević Hadnađev: FREE SULFHYDRYL CONTENT OF WHEAT FLOUR AND ITS IMPACT ON RHEOLOGICAL PROPERTIES OF DOUGH	11 ⁴⁰ -11 ⁵⁰
16 ¹⁰ -16 ²⁰	Presiding: dr Saška Dimitrijević, dr Branislav Karadžić	14 ⁰⁰ -16 ⁰⁰	Ľubomír Kubík.: EVALUATION OF APPLE MICROSTRUCTURE	11 ⁵⁰ -12 ⁰⁰
16 ²⁰ -16 ³⁰	Jelena Tomić, Aleksandra Torbica, Milica Pojić, Dragan Živančev, Elizabet Janić Hajnal, Jasna Mastilović, Žarko Kevrešan: CHARACTERIZATION OF NON-GLUTEN PROTEINS OF DIFFERENT WHEAT VARIETIES (<i>Triticum aestivum</i>)	15 ⁰⁰ -16 ⁰⁰	Football match „Science“ – „Practice“ (with international players stars).	12 ⁰⁰ -12 ¹⁰
16 ³⁰ -16 ⁴⁰	Đura N. Vujić, Marijana M. Ačanski, Marija I. Bodroža-Solarov, Đorđe B. Psodorov, Jovana S. Brkljača: QUALITATIVE ANALYSIS OF HYDROSOLUBLE FLOUR EXTRACT OF SPELT AND BREAD WHEAT	16 ¹⁵ -16 ²⁵	Block B: Oral presentations in English	12 ¹⁰ -12 ²⁰
16 ⁴⁰ -16 ⁵⁰	Danijele Z. Šuput, Vera L. Lazić, Aleksandra S. Jelić, Ljubinko B. Lević, Lato L. Pezo, Nevena M. Hromiš, Senka Z. Popović: SORBITOL CONTENT EFFECT ON THE CHARACTERISTICS OF STARCH BASED EDIBLE FILMS	16 ²⁵ -16 ³⁵	Presiding: dr Maša Bukurov, dr Filip Kulić	12 ²⁰ -12 ³⁰
16 ⁵⁰ -17 ⁰⁰	Dragana Stanisavljević, Dragan Veličković, Saša Stojičević, Ivana Karabegović, Miodrag Lazić, Sofija Đorđević: THE INFLUENCE OF THE DIFFERENT METHODS OF DRYING ON THE ANTIOXIDANT ACTIVITY OF <i>MENTHA LONGIFOLIA</i> L. ESSENTIAL OIL	16 ³⁵ -16 ⁴⁵	Monika Božiková, Peter Hlaváč, Krassimira Kardjilova: THERMOPHYSICAL PARAMETERS OF SELECTED BIOOILS	12 ³⁰ -12 ⁴⁰
20 ⁰⁰	Ivan Vitáček: SELECTED PHYSICAL PROPERTIES OF SOLID BIOFUELS	16 ⁴⁵ -16 ⁵⁵	Jelena S. Stojanović, Nada Č. Nikolić, Ivana T. Karabegović, Gordana S. Stojanović, Goran M. Petrović., Saša S. Stojičević, Miodrag L. Lazić: TOTAL PHENOLIC CONTENT AND RADICAL SCAVENGING CAPACITY OF MIXTURE OF WHEAT AND <i>BOLETUS EDULIS</i> FLOUR	12 ⁴⁰ -12 ⁵⁰
	Vine evening: Vine degustation	16 ⁵⁵ -17 ⁰⁵	Marina Šćiban, Dragana Kukić, Mirjana Antov, Darjana Ivetić, Jelena Radonović: CHARACTERIZATION OF TREATED BEET SHREDS FROM PROCESS OF BIOETHANOL PRODUCTION	12 ⁵⁰ -13 ⁰⁰
	After dinner: International party with music and dance.		Nada Č. Nikolić, Jelena S. Stojanović, Gordana S. Stojanović, Goran M. Petrović, Ivana T. Karabegović, Dragan T. Veličković, Miodrag L. Lazić: CONTENT AND COMPOSITION OF PHENOLIC COMPOUNDS OF WHEAT FLOUR AND ITS DOUGH	13 ⁰⁰ -13 ¹⁰
	Tuesday, 23.04.2013 – International cinference INOPTEP 2013 and National conference PTEP 2013		Jasmina Živković, Milenko Košutić, Biljana Cvetković, Nataša Vukelić, Bojana Filipčev: ANALYSIS OF THE IMPACT OF EDUCATIONAL LEVEL ON THE CONSUMERS' PERCEPTION OF FUNCTIONAL FOOD	
	Block A – Plenary -	9 ⁰⁰ -17 ⁰⁰	Wednesday, 24.04.2013 – KULTURNO-ISTORIJSKI I REKREATIVNI IZLET	
	By invitation (Serbian ↔ English translation):		Visit monastery Ziča, visit mountain Goč. lunch and entertainment at the restaurant "Horizont" mountain Goč (oko 1000 m n.v).	
9 ⁰⁰ -9 ²⁰	Presiding: dr Zuzana Hlaváčova, dr Vangelce Mitrevski	09 ⁰⁰ -09 ¹⁰	Thursday, 25.04.2013.	
9 ²⁰ -9 ⁴⁰	Marco Dalla Rosa, Paola Pittia, Cristina L.M. Silva, Maria Papageorgiou, Gerhard Schleining: THE ISEKI FOOD NETWORK APPROACH TO THE INNOVATION OF THE FOOD SECTOR BY BRIDGING EDUCATION/RESEARCH/INDUSTRY INTERFACES.	09 ¹⁰ -09 ²⁰	Presiding: Danka Dujović, Dr Olivera Đuragić	
9 ⁴⁰ -10 ⁰⁰	Zuzana Hlaváčová, Lenka Priatková, Krassimira Kardjilova, Ákos Kertész: METHODS FOR GRANULAR AND LOOSE MATERIALS ELECTRIC PROPERTIES MEASUREMENT,	09 ²⁰ -09 ³⁰	Željko Dželetović, Ivá Živanović, Aleksandar Simić, Radmila Pivić, Jelena Maksimović: MISCANTHUS–PROSPECTIVE PERENNIAL RHIZOMATOUS GRASS AND BIOENERGY CROP ON THE TERRITORY OF SERBIA	
	Vangelce Mitrevski, Ljupko Trajcevski, Vladimir Mijakovski, Monika Lutovska, Fakultet tehničkih nauka, Bitolj, Makedonia: EVALUATION OF SOME THIN-LAYER DRYING MODELS,	09 ³⁰ -09 ⁴⁰	Olivera Đuragić, Jovanka Lević, Bojana Kokić, Dušica Ivanov, Šandor Kormanjoš, Slavica Sredanović: POSSIBILITY OF USE BYPRODUCTS FROM BIOETHANOL PRODUCTION FOR ANIMAL FEED	
			Dragoslav Đokić, Ranko Koprivica, Rade Stanisavljević, Dragan Terzić, Bora Dinić, Tanja Vasić, Saša Barać: THE ANALYSIS OF WORK QUALITY OF THRESHERS "V-08" IN OAT SEEDS THRESHING	
				At 20:00 h start traditional dinner at with entertainment and raffle. At the dinner will be awarded the best presentation, best poster and best presentation by young people (under 35)
				Friday, 26.04.2013 – Return

POSTER SECTION:

Joanna Berlowska, Piotr Dziugan, Dorota Kregiel, Izabela Witonska.: YEAST VITALITY IN FERMENTATION MEDIUM SUPPLEMENTED BY THICK JUICE FROM SUGAR BEET

Michał Binczarski, Stanisław Karski, Joanna Berlowska, Piotr Dziugan, Dorota Kregiel, Izabela Witonska OPTIMIZATION THE PARAMETERS OF THE PROCESS OF THERMAL DESORPTION OF SAPONINS FROM ACTIVE CARBON

Vladimir Bugarski, Dragan Matić, Perica Nikolić, Ilija Kamenko: CONTROLLING SHIP LOCK WITH FUZZY EXPERT SYSTEM

Janna Cromptova, Svetlana Popel, Lidia Parshakova: APPLICATION OF RESPONSE SURFACE METHODOLOGY IN THE DEVELOPMENT OF NEW HEAT-STABLE FRUIT FILLING'S COMPOSITION

Biljana Čurčić, Vladimir Filipović, Milica Nićetin, Violeta Knežević, Lato Pezo, Danijela Šuput: CRUCIAN CARP (*CARASSIUS CARASSIUS*) DRYING USING SUGAR BEET MOLASSES AS OSMOTIC SOLUTION

Dejana Džigurski, Ljiljana Nikolić, Branka Ljevnaić-Mašić: WEED FLORA IN ORGANIC ONION PRODUCTION—*ALLIUM CEPA* L. (ALLIACEAE BORKHAUSEN 1797, AMARYLLIDALES)

Jelena Filipović, Zoran Miladinović, Lato Pezo, Nada Filipović, Milelno Košutić, Jovana Brkljača: IDENTIFICATION OF INULIN HPX IN PASTA BY ¹³C MAS NMR SPECTROSCOPY

Vladimir Filipović, Biljana Čurčić, Milica Nićetin, Violeta Knežević, Ljubinko Lević, Lato Pezo: ESTIMATION OF ENERGY EFFICIENCY OF THE PROCESS OF OSMOTIC DEHYDRATION OF PORK MEAT

Nada Grahovac, Ankica Kondić-Špika, Sanja Lazić, Dragana Šunjka, Snežana Jakšić, Biljana Radović: VALIDATION OF THE METHOD FOR THE DETERMINATION OF DITHIOCARBAMATES IN FRUITS

Jasna Grbić, Rada Jevtić-Mučibabić, Tatjana Kuljanin, Olivera Šimurina, Bojana Filipčev: MANAGEMENT OF SUCROSE INDUSTRIAL

CRYSTALLIZATION BASED ON COULTER COUNTER TECHNIQUE

Rada Jevtić-Mučibabić, Jasna Grbić, Bojana Filipčev, Tatjana Kuljanin, Olivera Šimurina, Ivan Milovanović, Jovana Brkljača: MELASSIGENIC COEFFICIENTS AND VISCOSITY DEPENDENCE OF NONSUCROSE COMPOUNDS IN MOLASSES

Aleksandar Jokić, Zoltan Zavargo, Nataša Lukić, Bojana Ikonić, Jelena Marković, Jelena Dodić, Jovana Grahovac: SUITABILITY OF THIN LAYER MODELS FOR HOT AIR, MICROWAVE AND MICROWAVE FINISH DRYING OF SUGAR BEET PULP

Violeta Knežević, Biljana Čurčić, Vladimir Filipović, Milica Nićetin, Tatjana Kuljanin, Jasmina Gubić: INFLUENCE OF OSMOTIC DEHYDRATION ON COLOUR AND TEXTURE OF PORK MEAT

Tatjana A. Kuljanin, Rada C. Jevtić Mućibabić, Biljana Lj. Čurčić, Milica R. Nićetin, Vladimir S. Filipović, Violeta M. Knežević: CLARIFICATION OF SUGAR BEET JUICE USING Cu²⁺ AND Al³⁺ IONS—METHOD OF MEASUREMENT RESIDUAL SOLUTION TURBIDITY AND ZETA POTENTIAL

Miroslav Hadnađev, Slađana Rakita, Tamara Dapčević Hadnađev, Jelena Tomić, Dragan Živančev, Aleksandra Torbica, Milica Pojčić: RHEOLOGICAL PROPERTIES OF WHEAT DOUGH IN RELATION TO MICROCLIMATIC CONDITIONS

Gordana Ludajić, Lato Pezo, Nada Filipović, Jelena Filipović: TOXIC AND ESSENTIAL ELEMENTS IN WHEAT AND AGRICULTURAL SOIL

Čedomir Stojanović, Mirko Babić, Ivan Pavkov, Milivoj Radojčin, Stevan Trivković: MATHEMATICAL MODELING OF KINETIC COMBINED QUINCE DRYING

Veljko Vukoje, Ivan Pavkov, Vanja Zekić: ECONOMIC EFFECTS OF DRIED SOUR CHERRY PRODUCTION

Nevena M. Hromiš, Vera L. Lazić I Danijela Z. Šuput: COMPARISON OF LIFE CYCLE ASSESSMENT FOR DIFFERENT VOLUME POLYETHYLENE PACKAGING

Predrag Ikonić, Ljiljana Petrović, Tatjana Tasić, Bojana Ikonić, Vladimir Tomović, Natalija Džinić, Branislav Sojić: THE INFLUENCE OF DIFFERENT THERMO-HYGROMETRIC CONDITIONS AND STARTER CULTURE ADDITION ON DRYING CHARACTERISTICS OF *PETROVAČKA*

Gordana B. Koprivica, Nevena M. Mišljenović, Lato L. Pezo, Biljana Čurčić, Vladimir Filipović, Milica Nićetin, Danijela Šuput: OSMOTSKA DEHIDRATACIJA KOCKICA ŠARGAREPE U RASTVORU ŠEĆERNE REPE- KINETIČKI MODEL

Milenko Košutić, Jelena Filipović, Dragana Playšić, Jasmina Živković, Zvonko Nježić, Bojana Filipčev: STAVOVI POTROŠAČA PREMA PORUKAMA O BEZBEDNOSTI HRANE

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