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USDA



## **PROGRAM**

of

## **THE FIRST INTERNATIONAL SYMPOSIUM ON ANIMAL SCIENCE**

*8-10 November 2012, Belgrade, Serbia*

Organizer

**FACULTY OF AGRICULTURE  
UNIVERSITY OF BELGRADE, SERBIA**

Co-Organizers

FACULTY OF AGRICULTURE  
UNIVERSITY OF ZAGREB, CROATIA

FACULTY OF AGRICULTURE  
JOSIP JURAJ STROSSMAYER UNIVERSITY OF OSIJEK, CROATIA

FACULTY OF AGRICULTURAL AND FOOD SCIENCE  
SS. CYRIL AND METHODIUS UNIVERSITY IN SKOPJE, MACEDONIA

FACULTY OF AGRICULTURE  
UNIVERSITY OF EAST SARAJEVO, BOSNIA AND HERZEGOVINA

INSTITUTE OF AGRICULTURAL ECONOMICS,  
BELGRADE, SERBIA

Belgrade – Zemun, 2012

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**Program of the First International Symposium on Animal Science,**

**November 8<sup>th</sup> – 10<sup>th</sup> 2012.**

Thursday, November 8<sup>th</sup> 2012

**Opening (GREAT AMPHITHEATRE)**

**8.00-9.00**

REGISTRATION of PARTICIPANTS

**9.00 - 9.30**

Introduction by chairman of Scientific Committee and opening of the Symposium  
Greeting speech of Dean of Faculty of Agriculture  
Greeting speeches of coorganizer representatives  
Greeting speech by Representative of Ministry of Educational, Science and Technological  
Development of Republic of Serbia  
Greeting speech by Representative of Ministry of Agriculture, Forestry and Water  
Management of Republic of Serbia  
Greeting speech by Representative of Chamber of Commerce and Industry of Serbia  
Greeting speech by Representative of Veterinary Chamber of Serbia

**9.30 – 9.40**

**Presentation of general sponsor**

**9.40-10.00**

**Pause and putting up posters**

**Thursday, November 8<sup>th</sup> 2012 (GREAT AMPHITHEATRE)**

**Section 1 - Breeding and Reproduction of Domestic Animals**

*Mekić C., Mijić P., Stančić B., Perišić P.*

*Oral presentations*

**10.00 - 10.15**

Perišić P., Skalicki Z., Bogdanović V. CHANGES IN THE CATTLE SECTOR IN EU WITH POSSIBLE EFFECT ON DAIRY AND BEEF PRODUCTION IN SERBIA

**10.15 – 10.30**

Mekić C., Krajinović M., Petrović M. POSITION, POSSIBILITIES AND DIRECTIONS OF DEVELOPMENT OF SHEEP PRODUCTION IN REPUBLIC OF SERBIA

**10.30 – 10.45**

Vitorović D., Adamović I. INFLUENCE OF DIFFERENT FACTORS ON MUSCLE GROWTH AND STRUCTURE OF SKELETAL MUSCLE TISSUE

**10.45 – 10.55**

Mijić P., Bobić T., Gantner V., Ivkić Z., Špehar M., Baban M., Gregić M. TAKING MEASUREMENTS OF THE AVERAGE MILK FLOW OF CATTLE IN THE REPUBLIC OF CROATIA

**10.55 – 11.15**

**Coffee break Room (115/1st Floor)**

**11.15 – 11.25**

Strelec I., Šarkanj B., Bešlo D., Agić D., Đidara M., Šperanda M., Pavić M. OXIDOREDUCTIVE ENZYME ACTIVITIES IN ERYTHROCYTES AND PLASMA OF LACTATING DAIRY COWS

**11.25 – 11.35**

Beskorovajni R., Stojić P., Samolovac Lj., Vuković M., Miletić A., Marković S. THE EFFECTS OF AIR TEMPERATURE AND HUMIDITY ON THE QUANTITY AND QUALITY OF MILK PRODUCED ON FARMS WITH DIFFERENT LEVELS OF PRODUCTION

**11.35 – 11.45**

Marković B., Marković M., Radonjić D. THE MORPHOMETRIC CHARACTERISTICS OF INDIGENOUS SHEEP POPULATION NAMED SORA

**11.45 – 11.55**

Stančić B., Božić A., Stančić I., Dragin S., Radović, I., Petrović M. EFFECT OF SEASON ON NATIVE BOAR SPERM QUALITY PARAMETERS

**11.55 – 12.05**

Milovanović A., Barna T., Vasiljević T., Milanov D., Uzelac Z., Lazarević M. QUALITY OF BOARS SEMEN AND NUMBER OF BACTERIA IN EJACULATES

**12.05 – 12.15**

Bogosavljević-Bošković S., Dosković V., Simeon R., Petrović D.M. BROILER BREEDS AND HYBRIDS IN NON-INDUSTRIAL REARING SYSTEMS

**12.15 – 12.45**

**Posters exhibition – Sections 1 and 7 (115/1<sup>st</sup> floor)**

**12.45 – 13.20**

**Discussion**

*Poster section*

I 1

Lalović M., Budimir D., Pandurević T., Jugović M. A COMPARATIVE ANALYSIS OF MILK FAT PRODUCTION IN SIMMENTAL AND HOLSTEIN-FRIESIAN BREEDS

I 2

Budimir D., Plavšić M. LENGTH OF SERVICE PERIOD OF COWS KEPT IN UNFAVOURABLE ZOOTECNICAL CONDITIONS

I 3

Petrović D.M., Skalicki Z., Bogdanović V., Petrović M.M., Bogosavljević-Bošković S., Đoković R., Rakonjac S. THE EFFECT OF GEOGRAPHICAL REGION ON LIFETIME MILK YIELD IN SIMMENTAL COWS

I 4

Mekić C., Vujić M.R., Novaković Z., Vujić P.R. SEXUAL ACTIVITY AND SHEEP REPRODUCTIVE TRAITS STIMULATED WITH DIFFERENT DOSAGE OF NATURAL GONADOTROPIC HORMONE IN ANESTRIC PERIOD

I 5

Koyuncu M., Öziş Altınçekiç Ş. RELATIONSHIP BETWEEN MILK YIELD, UDDER MEASUREMENTS AND THE LINEAR SCORES FOR UDDER MORPHOLOGY TRAITS IN KIVIRCIK, TAHIROVA AND KARACABEY MERINO EWES

I 6

Öziş Altınçekiç Ş., Koyuncu M. THE CHANGE OF OESTRUS ACTIVITY IN KIVIRCIK EWES

- I 7 Špehar M., Mulc D., Jurković D., Dražić M., Barać Z. SEASONAL DIFFERENCES IN MILK PRODUCTION AND COMPOSITION BETWEEN ISTRIAN AND PAG SHEEP IN CROATIA
- I 8 Simin V., Krajinović M., Pihler I., Trivunović S., Kučević D. PRODUCTION PERFORMANCES OF THE GERMAN FAWN GOAT IN SERBIA
- I 9 Stančić I., Dragin S., Stanković B., Jotanović, S. EFFECT OF PROTEIN CONTENTS IN SEMINAL PLASMA ON SPERM MOTILITY IN DILUTED BOAR SEMEN
- I 10 Đermanović V., Mitrović S., Stanišić G., Đekić V., Pandurević T. INFLUENCE OF BROILER PARENTS USAGE PERIOD ON THE REPRODUCTIVE TRAITS
- I 11 Vitina I., Krastina V., Jemeljanovs A., Cerina S., Jansons I., Anenkova R., Lujane B. INFLUENCE OF EXTRACTIVES SUBSTANCES ADDITIVES FROM SPRUCE NEEDLES BIOMASS ON EGG PRODUCTION AND QUALITY
- I 12 Štrbac Lj. EFFECT OF PARAGENETIC FACTORS ON SPEED OF TROTTERS
- I 13 Sena L., Sena S., Biçoku Y. EFFECT OF RESTRICTED FEEDING TIME ON GROWTH RATE AND CARCASS'S QUALITY IN RABBITS
- I 14 Kralik I., Frižon E. FINANCIAL SUPPORTS FOR THE PROGRAM OF PRESERVING INDIGENOUS AND PROTECTED DOMESTIC ANIMAL BREEDS IN CROATIA

Thursday, November 8<sup>th</sup> 2012 (**115/1st floor**)

**Section 7 - Animal Products Technology and Processing** *Poster presentations (with Poster section 1)*

*Trajčev M.*

- VII 1 Kramarski S., Trajčev M., Petrovska M., Nakov D., Santa D., Srbinska S. VERIFICATION OF THE FOOD SAFETY SYSTEM IN CHEESE PRODUCTION
- VII 2 Bojanić Rašović M., Martinović A., Nikolić N., Katić V., Rašović R. CHEMICAL AND RHEOLOGICAL PROPERTIES OF SEMI-HARD CHEESE DURING RIPENING
- VII 3 Joševska E., Stojanovski M., Mladenov M. STARTER CULTURES IN THE PRODUCTION OF DRY FERMENTED SAUSAGES
- VII 4 Radovanović M., Nedeljković A., Trpković G., Miočinović J., Puđa P. INFLUENCE OF MILK COMPOSITION ON THE INITIAL STAGE OF KAJMAK FORMATION
- VII 5 Janković V., Borović B., Velebit B., Lakićević B., Baltić T., Spirić D. MYCOLOGICAL AND MYCOTOXICOLOGICAL EVALUATION OF MILK SAMPLES
- VII 6 Kralik G., Kralik Z., Grčević M. FUNCTIONAL INGREDIENTS IN BROILER CHICKEN MEAT
- VII 7 Ikauniece D., Jemeljanovs A., Antone U. FATTY ACID CONTENT IN MEAT OF ROMAN SNAILS (HELIX POMATIA) IN THE NATURAL AND BREEDING POPULATIONS IN LATVIA

Thursday, November 8<sup>th</sup> 2012 (*CONFERENCE HALL*)

**Section 6 - Game Animals Production, Fishery, Beekeeping and Kinology**

*Gregorc A., Popović Z., Mladenović M., Nedić N.*

*Oral presentations*

- 10.00 - 10.15** Popović Z., Đorđević N., Beuković M. THE MANAGEMENT OF HUNTING GROUNDS IN SERBIA AFTER THE ADOPTION OF THE NEW LAW ON WILD GAME AND HUNTING
- 10.15 - 10.25** Urošević M., Drobnjak D., Perišić P. EFFECT OF AGE OF PARENTS AND BREEDING SEASON ON LITTER SIZE IN ROMANIAN SHEPHERD DOG - CARPATIN
- 10.25 - 10.35** Mladenović M., Peševa B., Anđelković B., Milosavljević S. VARIABILITY OF LINEAR DISTANCES IN REAR WING OF HONEY BEE FROM TOPLICA REGION
- 10.35 - 10.45** Gregorc A., Lokar V., Smodiš Škerl M.I., Nakrst M. SELECTION OF CARNIOLAN HONEY BEE (*A. MELLIFERA CARNICA POLL.*) IN EXPERIMENTAL APIARY IN SLOVENIA
- 10.45 - 10.55** Nedić N., Maletić R., Marković M., Jevtić G., Anđelković B., Matović K. MORPHOLOGICAL DIFFERENTIATION OF HONEYBEES (*APIS MELLIFERA*) FROM SERBIA
- 10.55 - 11.05** Jevtić G., Anđelković B., Sokolović B., Anđelković S., Mladenović M., Nedić N., Simeonova V. IMPACT OF FLOWERING TIME OF MAJOR HONEY PLANTS ON HONEY BEE COLONY DEVELOPMENT AND HONEY YIELD IN RASINA REGION
- 11.05 - 11.20** Dugalić - Vrndić N., Kečkeš J., Rašić S. QUALITY OF SERBIAN HONEY BASED ON THEIR HMF AND DIASTASE CONTENT
- 11.20 - 11.50** **Coffee break (115/1st floor)**
- 11.50 - 12.00** Mačukanović-Jocić M., Kregar M., Rutar R., Mladenović M., Rašić S. POLLEN ANALYSIS OF HONEY FROM THE SOKOLSKE MOUNTAINS
- 12.00 - 12.10** Matović K., Žarković A., Vidanović D., Vasković N., Jevtić G. DETERMINING THE PRESENCE OF AMERICAN FOULBROOD AS AN ELEMENT OF GOOD MANUFACTURING PRACTICE IN BEEKEEPING
- 12.10 - 12.30** Jeločnik M., Bekić B., Subić J. CONTRIBUTION MARGIN ANALYSIS IN THE STATIONARY BEEKEEPING - CASE STUDY OF METROPOLITAN AREA BELGRADE - NOVI SAD (SERBIA)
- 12.30 - 12.40** Nedić N., Kostić M., Marković T., Andrić G., Kljajić P., Marković M., Plavša N. TOLERANCE OF HONEY BEES TO TWO COMMERCIALY AVAILABLE ESSENTIAL OILS
- 12.40 - 12.50** Sadikaj R., Arapi D., Spaho V., Nelaj E. EVALUATION OF SOME ENVIRONMENTAL PARAMETERS ON THE WATER SUPPLY FOR TROUT CULTIVATION
- 12.50 - 13.15** **Discussion**

**13.30 – 14.30**

**Lunch**

Thursday, November 8<sup>th</sup> 2012

**Section 2 - Selection and Breeding of domestic Animals (GREAT AMPHITHEATRE)**

*Bogdanović V., Ivanković A., Popovski Z., Radojković D.*

*Oral presentations*

**15.00 - 15.15** Radojković D., Petrović M., Radović Č. CURRENT AND FUTURE CHALLENGES OF SELECTION OF PIGS

**15.15 - 15.30** Đedović R., Trifunović G., Stanojević D. GENOMIC SELECTION

**15.30 - 15.40** Ivanković A., Horg M., Dokso A., Ivkić Z., Ramljak J. THE EFFECT OF MILK PROTEIN POLYMORPHISM AND BREEDS ON SOMATIC CELL COUNT IN BOVINE MILK

**15.40 - 15.50** Bogdanović V., Đedović, R., Stanojević, D., Petrović, M.D., Beskorovajni, R., Ružić-Muslić, D., Pantelić, V. REGIONAL DIFFERENCES IN EXPRESSION OF MILK PRODUCTION TRAITS IN SIMMENTAL COWS

**15.50 - 16.00** Logar B., Jeretina J. 'FARM IDENTITY CARD' - INFORMATION SOLUTIONS TO SUPPORT DAIRY CATTLE PRODUCTION IN SLOVENIA

**16.00 - 16.20** **Coffee Break**

**16.20 - 16.35** Sender G., Korwin-Kossakowska A., Oprzadek J., Pawlik A, Galal Abdel Hameed K. GENETIC BASIS OF MASTITIS RESISTANCE IN DAIRY CATTLE

**16.35 - 16.45** Radinović M., Trivunović S., Kučević D., Popović J., Vojkić A. MILK PRODUCTION TRAITS AND SOMATIC CELL COUNT ON TEST DAY OF FIRST CALVING COWS HOLSTEIN AND BROWN SWISS BREEDS

**16.45 - 16.55** Popovski Z.T., Dimitrievska B., Domazetovska S., Andonov S., Vukovic V., Miskoska – Milevska E. CORELATION BETWEEN CERTAIN BIOCHEMICAL PARAMETARS AND DIFFERENT GENOTYPES FOR MALIGNANT HYPERTHERMIA IN SWINE

**16.55 - 17.05** Öner, Y., Calvo J.H., Elmaci C. INVESTIGATION OF THE GENETIC DIVERSITY AMONG NATIVE TURKISH SHEEP BREEDS USING mtDNA POLYMORPHISMS

**17.05 - 17.15** Elmaci C., Şahin Ş., Öner, Y. DISTRIBUTION OF DIFFERENT ALLELES OF AROMATASE CYTOCHROME P450 (CYP19) AND MELATONIN RECEPTOR 1a (MTRN1A) GENES AMONG NATIVE TURKISH SHEEP BREEDS

**17.15 - 17.30** **Poster section exhibition (115/1st Floor)**

**17.30 - 17.45** **Discussion**

*Poster section*

II 1 Stanojević D., Đedović R., Bogdanovic V., Popovac M., Perišić P., Samolovac Lj. CORRELATIONS BETWEEN THE BREEDING VALUE AND RANKING OF BULLS FOR THE MILK YIELD TRAITS IN FIRST CALF HEIFERS OF THE BLACK AND WHITE BREED

II 2 Janković D., Trivunović S., Reljić M. VARIABILITY AND CORRELATION BETWEEN LINEAR ESTIMATION AND MILK YIELD FOR FIRST CALVING COWS HOLSTEIN FRIESIAN BREED

II 3 Papa L., Kume K., Xhemo F. STUDY ON THE SUSTAINABLE BREEDING AND CONSERVATION OF LOCAL GOAT BREEDS IN ALBANIA

II 4 Višnjic V., Vidović V., Lukač D., Punoš D., Krnjaić J., Stupar M. INTERACTION BETWEEN SELECTION CRITERIA AND FEEDING MANAGEMENT OF SOWS AND ITS AFFECT ON LITTER SIZE

**17.45** **Closing of the day**

Thursday, November 8<sup>th</sup> 2012 (AMPHITHEATRE A23/II)

**Course: "Introduction in GLOBAL G.A.P. and implementation of standards in livestock farms"**

**11.00** Kurs: "Uvod u GLOBAL G.A.P. i primena standarda na stočarskim farmama" in

**158714-TEMPUS-ES-TEMPUSJPHEs "Improving Academia - Industry Links in Food Safety and Quality"** Output 3. Training of Academia and Industry, Activity 3.4. Realisation of the training courses

Friday, November 9<sup>th</sup> 2012 (GREAT AMPHITHEATRE)

**Section 3 – Animal Welfare**

Hristov S., Millman S., Velarde A., Grosso L.

*Oral presentations*

<b>9.00 – 9.30</b>		<b>Registration and putting up posters (115/1st Floor)</b>
<b>9.30 – 9.45</b>	Hristov S., Stanković B., Zlatanović Z.	THE MOST IMPORTANT INDICATORS OF DAIRY COWS WELFARE EVALUATION
<b>9.45 – 10.00</b>	Millman S.	SICKNESS BEHAVIOUR AND IMPLICATIONS FOR MANAGING ILL AND INJURED LIVESTOCK
<b>10.00 – 10.15</b>	Winckler C.	WELFARE ISSUES IN DAIRY FARMING AND APPROACHES TO IMPROVE DAIRY CATTLE WELFARE
<b>10.15 – 10.30</b>	Velarde A.	ANIMAL WELFARE ASPECTS OF PIG PRODUCTION
<b>10.30 – 10.45</b>	Butterworth A.	APPLYING WELFARE ASSESSMENT AND TRAINING FOR POULTRY PRODUCTION
<b>10.45 – 11.00</b>	Grosso L., Ferrante V., Barbieri S., Porcu A., Lotti C., Martini A.	ASSESSMENT OF DAIRY SHEEP WELFARE IN CONVENTIONAL AND ORGANIC FARMS
<b>11.00 – 11.30</b>		<b>Coffee break</b>
<b>11.30 – 11.45</b>	Vučinić M.	HOW THE TYPE OF THE QUESTIONNAIRE AFFECTS CONSUMER ATTITUDES TOWARD FARM ANIMAL WELFARE
<b>11.45 – 11.55</b>	Prodanov M., Sekulovski P., Butterworth, A., Ilieski V.	ASSESSMENT OF THE WELFARE OF LAYING HENS USING ANIMAL BASED MEASURES
<b>11.55 – 12.05</b>	Radeski M., Ilieski V.	WELFARE PRIORITIES OF DAIRY CATTLE IN MACEDONIA ACCORDING OUTCOME BASED MEASURES AND HUMAN-ANIMAL RELATIONSHIP
<b>12.05 – 12.15</b>	Radisavljević K., Vućinić M., Elezović M., Bečkei Ž.	STAKEHOLDERS ATTITUDES TOWARD PIG CASTRATION METHODS IN RELATION TO THE ANIMAL WELFARE
<b>12.15 – 12.25</b>	Mikuš, T.	WESTERN BALKANS VETERINARY NETWORK FOR ANIMAL WELFARE – NEW INITIATIVES
<b>12.25 – 12.40</b>		<b>Poster section exhibition</b>
<b>12.40 – 13.00</b>		<b>Discussion</b>
<i>Poster section</i>		
III 1	Trajčev M., Nakov D., Zlatanović Z. Andonov S.	ASSOCIATION BETWEEN DAIRY COWS DIRTINESS SCORE AND INCIDENCE OF CLINICAL MASTITIS
III 2	Urošević M., Prodanov- Radulović J., Radović I., Stojanac N., Mrkšić A., Jajić I.	THE WELFARE OF PIGS ON FARMS - SELF-EVALUATION METHOD IN RELATION TO EU LEGISLATION
III 3	Dokmanović M., Karabasil N., Baltić M., Glamočlija N., Todorović M., Marković R., Pantić S.	ASSESSMENT OF ELECTRICAL STUNNING EFFECTIVENESS IN PIGS
III 4	Ostojić-Andrić D., Novaković Ž., Petrović M.M., Pantelić V., Nikšić D., Lazarević M., Zlatković N.	FARM ANIMALS WELFARE: CONSUMERS VIEW AND CONCERN IN SERBIA
III 5	Karasek S., Maksimović N., Ostojić-Andrić D., Dokmanović M.	BREEDING AND WELFARE OF LABORATORY MICE
III 6	Zlatanović Z., Hristov S., Stanković B., Dokmanović M.	THE MOST PREVALENT LOCOMOTION DISORDERS OF DAIRY COWS IN THE LOOSE SYSTEM OF REARING
<b>13.30 – 14.30</b>		<b>Lunch</b>

Friday November 9<sup>th</sup> 2012 (GREAT AMPHITHEATRE)

**Section 4 - Animal Nutrition**

Grubić G., Žnidaršić T., Dinić B.

*Oral presentations*

<b>15.00 – 15.15</b>	Žnidaršić T., Verbić J., Babnik D.	CONCENTRATION OF NET ENERGY FOR LACTATION IN FORAGE ESTIMATED BY THE USE OF NEAR INFRARED REFLECTANCE SPECTROSCOPY (NIRS)
<b>15.15 – 15.30</b>	Stojanović B., Grubić G., Božičković A.	OPTIMIZATION OF TOTAL MIXED RATIONS FOR HIGH-YIELDING DAIRY COWS
<b>15.30 – 15.40</b>	Đorđević N., Dubljević R., Damjanović M., Mitrović D., Milenković N.	THE CONTEMPORARY METHODS IN THE PRODUCTION OF MAIZE SILAGE
<b>15.40 – 15.50</b>	Dinić B., Đorđević N., Blagojević M., Terzić D., Đokić D.	QUALITY OF ALFALFA HAYLAGE DEPENDING ON THE APPLICATION OF INOCULANT AND GROUND CORN
<b>15.50 – 16.00</b>	Simić A., Geren H., Vučković S., Petrović S., Dželetović Ž.	COMPARISON OF FRUIT YIELD AND SOME YIELD CHARACTERISTICS OF FORAGE WATERMELON (CITRULLUS LANATUS VAR. CITROIDES) GROWN IN TURKEY AND SERBIA
<b>16.00 – 16.20</b>		<b>Coffee Break (115/1st Floor)</b>
<b>16.20 – 16.30</b>	Marković J., Grubić G., Terzić D., Dinić B., Blagojević M.	THE QUALITY AND PRODUCTION ABILITY OF DIPLOID AND TETRAPLOID RED CLOVER CULTIVARS
<b>16.30 – 16.40</b>	Ivanov D., Čolović R., Vukmirović Đ., Lević J., Kokić B., Lević Lj., Đuragić O.	INFLUENCE OF

	PROCESS PARAMETERS ON TEMPERATURE PROFILE IN EXTRUDER BARREL AND NITROGEN SOLUBILITY INDEX OF LINSEED CO-EXTRUDATE
<b>16.40 - 16.50</b>	Šefer D, Petrujkić B., Marković R., Radulović S., Jakić-Dimić D., Mijatović A., Ivanković N., Kovačević, R. INFLUENCE OF FEED SUPPLEMENTATION WITH PLANT-MINERAL PREPARATION DETOXIN-V® ON THE BROILER PERFORMANCES
<b>16.50 - 17.00</b>	Tolimir N., Perić L., Milošević N., Đukić-Stojčić M., Jovanović R., Milić D. THE EFFECT OF PHASE NUTRITION ON PRODUCTIVE AND SLAUGHTERING PERFORMANCES OF DIFFERENT BROILER GENOTYPES
<b>17.00 - 17.15</b>	<b>Poster section exhibition (115/1st Floor)</b>
<b>17.15 - 17.40</b>	<b>Discussion</b>
	<i>Poster section</i>
IV 1	Terzić, D., Dinić, B., Stanislavljević, R., Đokić, D., Marković, J., Anđelković, S., Milenkvić, J. THE EFFECT OF TIME OF CUTTING OF FIRST ALFALFA GROWTH ON CONTENT AND YIELD OF CRUDE PROTEINS
IV 2	Filipović, V., Ugrenović, V., Radivojević, S., Sikora, V. LESS WIDELY SPREAD LEGUMES AS POTENTIAL ANIMAL FEED
IV 3	Duronić, G., Vučković, S., Vasiljević, S., Simić, A., Erić, P., Petrović, P. M., Petrović, S. RESPONSE OF RED CLOVER HERBAGE YIELD TO DIFFERENT SOWING TECHNIQUES AND MICROELEMENTS APPLICATION
IV 4	Petrović, D., Radojević, R. Radivojević, D., Barać, S. SOME OPERATIONAL PARAMETERS OF SILAGE HARVESTERS
IV 5	Barać S., Radojević R., Petrović D., Biberdžić M., Đikić A. THE RESULTS OF TRIALS OF ROTATION AND OSCILATORY SUPPORTIVE CUTTING APPARATUS MOWERS IN ALFALFA MOWING IN THE EXPLOITING CONDITIONS OF NORTHERN KOSOVO AND METOHIA
IV 6	Čolović, R., Vukmirović, Đ., Brlek, T., Ivanov D., Đuragić, O., Palić, D., Jovanović, R. ADJUSTMENT OF DENSITY OF PELLETS THROUGH THE SETTING OF PROCESS PARAMETERS
IV 7	Spirić, D., Borović, B., Đorđević, V., Lilić, S., Baltić, T, Lakićević, B., Janković, V. STUDY OF MOULD NUMBER CHANGES AND PRESENCE OF MYCOTOXINS IN FEED SAMPLES OF PLANT ORIGIN
IV 8	Stevanović, J., Miljković, B., Pupavac, S. THE RULES FOR USING BY-PRODUCTS OF PLANT AND ANIMAL ORIGIN IN ANIMAL NUTRITION
IV 9	Stojanović, B., Grubić, G., Vitorović, D., Đorđević, N., Andrić, V., Božičković, A. HEAVY METAL CONCENTRATION IN FORAGES FOR DAIRY COWS
IV 10	Novoselec J., Antunović Z., Šperanda M., Klir Ž. METHODS OF PREVENTION SELENIUM DEFICIENCY IN SMALL RUMINANTS
IV 11	Sallaku E., Bicoku Y., Jojic E., Vorpsi V., Nepravishta A. VARIATION WITH FEED SYSTEM AND PRODUCTION TYPE OF YEARLY METHANE EMISSION BY RUMINANTS IN ALBANIA
IV 12	Stanačev, V., Puvača, N., Milić, D., Stanačev, V., Milošević, N., Džinić, N. EFFECT OF CORN FLOUR IN BROILER CHICKENS NUTRITION ON THE PRODUCTIVE PERFORMANCE AND QUALITY OF BREAST MEAT
IV 13	Petričević, V., Lukić, M., Škrbić, Z., Pavlovski, Z., Stojanović, Lj. THE EFFECT OF USING COMMERCIAL MIXTURES OF DIFFERENT NUTRITIVE VALUE ON PERFORMANCE AND ECONOMICAL EFFICIENCY OF BROILER PRODUCTION
IV 14	Bočarov-Stančić, A., Milojković, J., Lopičić, Z., Stojanović, M., Pantić, V., Stanković, S., Adamović, M. EVALUATION OF NATURAL ADSORBENTS TO ADSORB FUSARIOTOXINS <i>IN VITRO</i>
IV 15	Đekić V., Mitrović S., Radović V., Đermanović V., Obradović S. EFFECT OF FEEDING DIFFERENT TRITICALE ON BROILER PERFORMANCE
<b>17.40</b>	<b>Closing of the day</b>



**Saturday 10<sup>th</sup> 2012 (GREAT AMPHITHEATRE)**

**Section 5 – Animal Health Protection**

Resanović R., Brydl E., Altouse G., Radojičić B.

*Oral presentations*

<b>8.00 – 8.30</b>		<b>Registration and putting up posters</b>
<b>8.30 – 8.45</b>	Jaksimović Todorović M., Davidović V., Relić R. OXIDATIVE STRESS - MASTITIS	
<b>8.45 – 9.00</b>	Ivanova E. CONTROL AND ERADICATION OF CLASSICAL SWINE FEVER IN BULGARIA AFTER STOPPING PROPHYLACTIC VACCINATIONS /2006 – 2012/	
<b>9.00 – 9.10</b>	Brydl E., Könyves L., Jurkovich V., Kovács P., Solymosi N., Tirián A. INCIDENCE OF SUBCLINICAL METABOLIC DISORDERS IN HUNGARIAN DAIRY HERDS DURING THE LAST DECADE	
<b>9.10 – 9.20</b>	Althouse G., Rossow K. MINIMIZING RISK IN THE TRANSMISSION OF INFECTIOUS DISEASES IN EXTENDED PORCINE SEMEN	
<b>9.00 – 9.10</b>	Plavšić B., Sensi M., Andrijašević M., Krnjajić D. IMPORTANCE OF IMPROVING BIOSECURITY LEVEL ON PIG FARMS IN ERADICATION OF CLASSICAL SWINE FEVER	
<b>9.30 – 9.45</b>	Radojičić B., Bukvić M. IMPORTANCE OF PASSIVE CONTROL IN ACTION PLAN OF TRANSMISSIBLE SPONGIFORM ENCEPHALOPATHIES IN THE RUMINANTS	
<b>9.45 – 9.55</b>	Resanović R. MYCOTOXINS: WHAT IS THE TRUE RISK FOR POULTRY PRODUCTION	
<b>9.30 – 9.40</b>	Bojkovski J., Savić B, Relić R, Delić N, Rogožarski D, Petrujkić, T. LOCOMOTOR SYSTEM OF PIGS AS A HEALTH PROBLEM IN SOWS AND BOARS	
<b>9.40 – 9.50</b>	Kovalenko A., Turjansky A., Kovalenko L., Saprykina V. STUDYING IMMUNOBIOLOGICAL PROPERTIES OF VACCINE AGAINST TUBERCULOSIS	
<b>9.50 – 10.00</b>	Pintarić Š., Dobeic M., Pintarić R., Vadnjaj S. THE NEW SAMPLING METHODOLOGY FOR DETERMINING THE PRESENCE OF MICROORGANISMS IN AIR	
<b>10.00 – 10.20</b>		<b>Coffee break (115/1st Floor)</b>
<b>10.20 – 10.30</b>	Boboš S., Radinović M., Pajić M., Mihajlović Ukropina M., Mašić Z., Galfi A. RESERVOIRS OF PRIMARY AND SECONDARY UDDER PATHOGENS OF COWS IN INTENSIVE DAIRY PRODUCTION	
<b>10.30 – 10.40</b>	Nakov D., Trajčev M., Andonov S. Ostojić Andrić D. RELATIONSHIP BETWEEN MILK YIELD OF DAIRY COWS AND INCIDENCE OF CLINICAL MASTITIS DURING LACTATION	
<b>10.40 – 10.50</b>	Cincović M., Belić B., Toholj B., Stevančević M., Davidov I. PERIPARTURIENT ENDOCRINE PROFILE AND LIPOLYSIS IN HEALTHY AND DISEASED COWS	
<b>10.50 – 11.00</b>	Toholj B., Stevančević M., Cincović M., Belić B., Spasojević J. INFLUENCE OF LACTATION STAGE TO DISTRIBUTION OF HOOF DISEASE	
<b>11.00 – 11.10</b>	Topisirović G, Petrović D. INFLUENCE OF COOLING FANS OPERATION REGIME ON DUST CONCENTRATION DISTRIBUTION IN TIED COWS HOUSE	
<b>11.10 – 11.20</b>	Pintarić Š., Dobeic M., Pintarić R., Janković Lj., Radenković-Damnjanović B., Vadnjaj S. NEW GROUP OF BIOCIDES IN LIVESTOCK PRODUCTION	
<b>11.20 – 11.40</b>		<b>Discussion</b>
<i>Posters Section</i>		
V 1	Vučinić M., Trailović S., Nedeljković-Trailović J., Ivanović S., Milovanović M., Krnjajić D. CARVACROL IMPACT ON AIRBORNE MICROORGANISMS IN POULTRY FACILITIES	
V 2	Pintarić Š., Levstek P., Vadnjaj S., Kustura A., Pintarić R. DISINFECTION AND IMPORTANCE OF MATERIAL QUALITY	
V 3	Maksimović N., Petrović M. P., Delić N., Milovanović A., Tomislav B., Caro-Petrović V., Ružić-Muslić D. ASSISTED REPRODUCTIVE TECHNOLOGIES IN SHEEP	
V 4	Pavić M., Kanisek M., Đidara M., Grčević M., Domaćinović M., Antunović Z., Kralik Z., Šperanda M. THE ROLE OF IRON IN THE INNATE IMMUNE SYSTEM	
V 5	Antunović Z., Šperanda, M., Novoselec, J., Đidara, M., Klir Ž. HAEMATOLOGICAL PARAMETERS AND ACID-BASE BALANCE OF GOAT KIDS IN ORGANIC BREEDING	
V 6	Vakanjac S., Nedić S., Pavlović M., Magaš V. BACTERIAL FLORA OF GENITAL TRACT HEALTHY BITCHES DURING DIFFERENT STAGES OF OESTRAL CYCLE	
V 7	Davidović V., Jaksimović Todorović M., Hristov S. ESTIMATION OF MASTITIS IN DAIRY COWS	
V 8	Rajić Savić N., Katić V. SUSCEPTIBILITY TO ANTIMICROBIALS OF STAPHYLOCOCCI ISOLATED FROM MILK SAMPLES IN THE SUBCLINICAL MASTITIS CASE	
V 9	Davidov I., Cincović M., Radinović M., Erdeljan M., Belić B., Stevančević M., Toholj B. SELENIUM AND ZINC BLOOD CONCENTRATION AS PREDICTOR OF SUBCLINICAL MASTITIS IN DAIRY COWS	
V 10	Mosaab O., Sultan K., Ibrahim A., Elsayed A Elseify M. MOLECULAR IDENTIFICATION OF <i>FASCIOLA SP. (TREMATODA: FASCIOLIDAE)</i> BASED ON THE MITOCHONDRIAL CO1 AND RIBOSOMAL ITS2 FROM CATTLE IN THE SOUTHERN PART OF EGYPT	
V 11	Novaković Z., Katić Radivojević S., Mekić C. EFFICIENCY OF ROPADIAR AND KOKCISAN APPLICATION IN BROILER COCCIDIOSIS TREATMENT	
V 12	Despotović D., Ilić Tamara, Trailović D., Dimitrijević S. IMPORTANCE OF WILD BOARS IN THE EPIDEMIOLOGY OF TRICHINELLOSIS	

Saturday, November 10<sup>th</sup> 2012 (*CONFERENCE HALL*)

**8. Rural Development, Organization and Economic of Livestock Production**

and

**9. Organic and Sustainable Livestock Production and Environment Contamination of Livestock Origin**

*Radivojević D., Ponathil S., Savić M., Cvijanović D.*

*Oral presentations*

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|----------------------|--|
| <b>9.00 - 9.15</b>   | Ponathil S., Janković J. IMPACT OF PESTICIDES AND CHEMICAL FERTILIZERS ON BIODIVERSITY   |
| <b>9.15-9.30</b>     | Cvijanović D., Paraušić V., Mihailović B. MARKET CHALLENGES AND RESTRICTIONS IN ENTERPRISES BUSINESS IN THE FIELD OF MEAT-PROCESSING INDUSTRY OF THE REPUBLIC OF SERBIA  |
| <b>9.30-9.40</b>     | Jelić S., Živković D., Jandrić M. ANIMAL HUSBANDRY AND LIVESTOCK PRODUCTION IN THE FUNCTION OF RURAL DEVELOPMENT   |
| <b>9.40 - 9.50</b>   | Radivojević D., Topisirović G., Veljković B., Ivanović S., Radojičić D., Koprivica R., Božić S. EFFICIENCY OF HEAT RECOVERY PROCESS OF MILK COOLING SYSTEMS ON FAMILY FARMS  |
| <b>9.50 - 10.00</b>  | Budimir D., Prskalo N. MANURE MANAGEMENT ON DAIRY FARM LIVAC   |
| <b>10.00 - 10.10</b> | Radivojević D., Radojičić D., Veljković B., Koprivica R., Ivanović S., Božić S. FERTILIZING EFFECTS OF MANURE AEROBIC COMPOSTING   |
| <b>10.10-10.20</b>   | Savić M., Dimitrijević B., Jovanović S., Katić-Radivojević S., Borozan S., Bečkei Ž., Janković Lj., Teodorović R. CHARACTERISTICS OF ZACKEL SHEEP AND EXOTIC SHEEP BREEDS UNDER SUSTAINABLE MANAGEMENT AT THE SJENICA - PESTER PLATEAU |

**10.20 - 10.40**

**Discussion**

*Poster section*

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|------|---|
| II 1 | Bojkovska K., Jankulovski N., Dimitrovska G. MARKETING-MIX IN THE FUNCTION OF THE ORGANIC FOOD OF REPUBLIC OF MACEDONIA                     |
| II 3 | Biçoku Y, Biçoku Y., Gjoni, K. PRELIMINARY ECONOMIC ANALYSIS OF SMALL AND MEDIUM DAIRY FARMS BREEDING HOLSTEIN AND NORWEGIAN RED IN ALBANIA |
| II 4 | Mandić L., Đukić D., Stanković A. POLLUTED IRRIGATION WATER AS A FACTOR REGULATING MICROBIAL COUNT IN SOIL UNDER RED CLOVER                 |

Saturday, November 10<sup>th</sup> 2012 (*GREAT AMPHITHEATRE*)

**Pannel Discussion**

**STRATEGY OF LIVESTOCK PRODUCTION**

**Moderator Slavča Hristov**

(*GREAT AMPHITHEATRE*)

**11.45 - 13.30**

**13.30 - 14.30**

**Lunch**

**14.30 - 15.00**

**Closing of the First International Symposium on Animal Science** (*GREAT AMPHITHEATRE*)