



Invite You to the
16th International Symposium
Animal Science Days
on
Sustainable Farm Animal Breeding



Universities of the Quadrilateral

University of Ljubljana, Biotechnical Faculty, Zootechnical Department, Ljubljana, Slovenia

University of Zagreb, Faculty of Agriculture, Zagreb, Croatia

University J. J. Strossmayer, Faculty of Agriculture, Department of Special Zootechnics, Osijek, Croatia

University of Kaposvar, Faculty of Animal Science, Kaposvar, Hungary

University of Padova, Faculty of Agriculture, Department of Zootechnical sciences, Padova, Italy

Strunjan – Hotel Svoboda
September 17 - 19, 2008

Co-ordination Committee

- Dragomir Kompan, Slovenia
- Silvester Žgur, Slovenia,
- Marko Čepon, Slovenia
- Ino Čurik, Croatia
- Marija Đikić, Croatia
- Gordana Kralik, Croatia
- Antun Petričević, Croatia
- Gabor Milisits, Hungary
- Melinda Zomborsky, Hungary
- Gulio Cozzi, Italy
- Martino Cassandro, Italy
- Gerolamo Xiccato, Italy

Organizing Committee

- Dragomir Kompan
- Silvester Žgur
- Marko Čepon
- Slavko Čepin
- Jože Osterc
- Nežika Petrič
- Marija Klopčič

We kindly invite you to the participation at the 16th International Symposium "Animal Science Days" on the topic "Sustainable Farm Animal Breeding".

Sustainability in agriculture play and will play in the future even more important role. The role of agriculture is not only to produce enough healthy and safe food, but also to promote the respect of the environment. At the same time the agricultural policy and science should help farmers to adopt their production to consumer expectation and nevertheless should try to protect medium and small sized farms. Such topics will be addressed at this symposium on »Sustainable Farm Animal Breeding.«

More information

<http://www.bf.uni-lj.si/zootehnika/asd2008>

asd2008@bfro.uni-lj.si

16TH INTERNATIONAL SYMPOSIUM PROGRAM
SUSTAINABLE FARM ANIMAL BREEDING

Tuesday, September 16th

17.00 – 20.00 Registration

Wednesday, September 17th

9.00 Opening ceremony

PLENARY SESSION

9.30 Peter HORN
Emerging challenges for animal production, dangers and opportunities

9.50 Jože OSTERC
Sustainable cattle production is the best for Slovenia

10.10 Giulio COZZI, Marta BRSCIC and Flaviana GOTTARDO
Animal welfare as a pillar of a sustainable farm animal production

10.30 Ksenija BANOVIĆ, Vedran POLJAK, Mirjana BABAN, Tihomir FLORIJANČIĆ, Mate LJUBIČIĆ and Boris ANTUNOVIĆ
Unauthorised usage of veterinary drugs as a potential risk to human and animal health

10.50 Discussion

11.10 Coffee break

SESSION 1: PRODUCTION SYSTEMS AND PRODUCT QUALITY

11.40 Miran KASTELIC and Dragomir KOMPAN
Milk production of Bovška sheep in conventional and organic farming system

11.50 Angela CIVIDINI, Alenka LEVART and Silvester ŽGUR
Fatty acid composition of lamb meat as affected by production system, weaning and sex

12.00 Marija ĐIKIĆ, Krešimir SALAJPAL, Danijel KAROLYI, Domagoj ĐIKIĆ and Mirjana MIHELČIĆ
Characteristics of carcass and tissues in pigs of Turopolje breed and crossbreds TCSL

12.10 Gabriella JEKKEL, Gábor MILISITS, György BÁZÁR, László LOCSMÁNDI and István NAGY
Effects of stocking density, cage and floor type on the meat quality of growing rabbits

12.20 Danijel KAROLYI, Marija ĐIKIĆ, Krešimir SALAJPAL, Vlatka ČUBRIĆ-ČURIK and Ivan JURIĆ
Composition of carcass cuts in young Simmental bulls and heifers

12.30 Discussion

12.50 Lunch time

SESSION 2: GENETIC CHARACTERIZATION OF BREED AND PRODUCTION TRAITS

- 14.30 Mojca SIMČIČ, Marko ČEPON, Simon HORVAT, Sonja JOVANOVAČ, Vesna GANTNER, Peter DOVČ and Dragomir KOMPAN
Genetic characterization of autochthonous cattle breeds, Cika and Busha, using microsatellites
- 14.40 Chiara DALVIT, Elena SACCA, Martino CASSANDRO, Martina GERVASO, Emilio PASTORE, Edi PIASENTIER
Genetic characterization of alpine sheep breeds
- 14.50 Jernej OGOREVC, Tanja KUNEJ and Peter DOVČ
An integrated map of cattle candidate genes for mastitis: a step forward to new genetic markers
- 15.00 Martin ŠKRLEP, Marjeta ČANDEK-POTOKAR, Tatjana KAVAR, Blaž ŠEGULA, Veronique SANTÉ-LHOUELIER and Pere GOU
Investigating PRKAG3 polymorphisms for traits of interest in dry ham production
- 15.10 Discussion
15.30 Coffee break

16.00 POSTER SESSION

Maja PREVOLNIK, Martin ŠKRLEP, Dejan ŠKORJANC and Marjeta ČANDEK-POTOKAR
Carcass and meat quality traits of pig fatteners from Slovenian breeding programme

Andrea LAKI LUKÁCS, Szilárd BERKE and Attila MÁTHÉ
Genetically modified soybean in the feeding of cattles in South-Transdanubian region

Zoran ŠKRTIĆ, Alenka LEVART, Sonja JOVANOVAČ, Vesna GANTNER and Dragomir KOMPAN
Fatty acid profile in milk of Busha, Cika and Simmental breed

Silvia MIOTELLO, Franco TAGLIAPIETRA, Valerio BONDESAN and Lucia BAILONI
Carcass characteristics, fatty acid composition and beef quality in Limousin cattle fed low antinutritional factors raw full-fat soybean

Matteo DAL MASO, Stefano SCHIAVON, Franco TAGLIAPIETRA, Mirko CATTANI and Andrea FRACASSO
A survey on rations, milk yield and nutrient excretion of dairy farm in the Veneto region (Italy)

Cristina SARTORI and Roberto MANTOVANI
Cow fighting and genetic evaluation of behavioural traits in cattle

- 17.00 **Coordination committee meeting**

Thursday, September 18th

SESSION 3: ANIMAL NUTRITION AND PRODUCT QUALITY

- 9.00 Krešimir SALAJPAL, Danijel KAROLYI, Marija ĐIKIĆ, Vesna KANTURA, Goran KIS and Željko SINJERI
Influence of acorn intake on blood lipid profile and longissimus muscle characteristics of Black Slavonian pig
- 9.10 Zvonimir STEINER, Matija DOMAĆINOVIĆ, Zvonko ANTUNOVIĆ, Zdenko STEINER, Đuro SENČIĆ, Jasenka WAGNER and Darko KIS
Effect of dietary protein/energy combinations on male broiler breeder performance
- 9.20 Ajda KERMAUNER
The effect of tannins partly bounded on proteins on production and slaughter parameters in growing rabbits
- 9.30 Severino SEGATO, Luca FASOLATO, Stefania BALZAN, Carla Azzurra ELIA, Enrico NOVELLI and Iginio ANDRIGHETTO
Effect of dietary EE/NFE ratio on sensorial traits of shi drum
- 9.40 Zoran ŠKRTIĆ, Gordana KRALIK, Zlatica GAJČEVIĆ, Danica HANŽEK and Ivan BOGUT
Effect of different source of oils on fatty acid profile and organoleptic traits of eggs
- 9.50 Róbert TÓTHI, Johannes PIJNENBURG and Seerp TAMMINGA
Effect of feed processing on *in situ* ruminal degradation of cereal grains and on the degree of synchrony of organic matter and nitrogen release in the rumen of grazing lactating dairy cows
- 10.00 Richárd HOFFMANN, Tamás FÁBIÁN and Ferenc DÉR
Comparison of yields and nutritive value of different spring green forage mixtures
- 10.10 Discussion
10.40 Coffee break

SESSION 4: ANIMAL HEALTH

- 11.10 Martina KLINKON, Tomaž ZADNIK, Jože STARIČ, Marija NEMEC and Jožica JEŽEK
The influence of immunoglobulin status on health status and growth performance in calves to the age of 24 weeks
- 11.20 Krunoslav ALŠIĆ, Matija DOMAĆINOVIĆ, Željko PAVIČIĆ, Željko BUKVIĆ, Mirjana BABAN and Boris ANTUNOVIĆ
The relationship between diet and retained placenta in cows
- 11.30 Jože STARIČ, Jožica JEŽEK, Martina KLINKON, Marija NEMEC and Tomaž ZADNIK
Bone tissue metabolism in cattle
- 11.40 Stane KOŠOROK and Miran KASTELIC
Antibody response following sow vaccination using cell and recombinant vaccines, single and multiple application
- 11.50 Discussion
12.10 Lunch time

SESSION 5: FREE CONTRIBUTIONS

- 14.00 Goran KUŠEC, Gordana KRALIK, Ivona ĐURKIN, Dragutin VINCEK, Antun PETRIČEVIĆ and Ulrich BAULAIN
Asymmetric S-function in the prediction of growth characteristics of hybrid pigs
- 14.10 Csaba SZABÓ and László BABINSZKY
The effect of carcass temperature and treatment on the computer tomograph based tissue separation
- 14.20 Jaka ŽGAJNAR and Stane KAVČIČ
Spreadsheet tool for least-cost and nutrition balanced beef ration formulation
- 14.30 Janez JENKO, Tomaž PERPAR, Betka LOGAR, Jože VERBIČ and Milena KOVAČ
Comparison of calculation methods of daily milk yield, fat and protein contents from AM/PM milkings
- 14.40 Discussion and final conclusions
- 19.00 **Gala dinner**

Friday, September 19th

8.00 – 14.00 **Excursion**

The official language of the Symposium will be English.

Registration

Registration fee is 100 €. It includes participation at the symposium program, symposium proceedings, study excursion, gala dinner and coffee during breaks.

Registration form and bank transfer can be found on the Homepage:
<http://www.bf.uni-lj.si/zootehnika/asd2008/registration.html>

Accommodation

The symposium will be held in hotel Svoboda in Strunjan.

<http://www.terme-krka.si/si/>

APPLICATION FORM for booking rooms can be found on the Homepage:

<http://www.bf.uni-lj.si/zootehnika/asd2008/accomodation.html>

Under the patronage of:

Slovenian Research Agency
KRAS

Donators and Sponsors:

Luka Koper

Zavarovalnica Triglav

Droga Kolinska

Pfizer

Panvita

Mlekarna Celeia

Kodila

Terme Olimia

Lek veterina

Ljubljanske mlekarne

Semenarna Ljubljana

Ecolab

SIP Šempeter

Mesarstvo Čadež

Pivka

Pomurski sejem

Eta Kamnik

Etol

GZS – Zbornica kmetijskih in
življskih podjetji



Contact persons:

Ass. Prof. Dragomir Kompan, Ph.D.
Tel: +386 1 7217 865
E-mail: drago.kompan@bfro.uni-lj.si

Ass. Prof. Silvester Žgur, Ph.D.
Tel: +386 1 7217 822
E-mail: silvo.zgur@bfro.uni-lj.si

Ass. Nežika Petrič, Ph.D.
Tel: +386 1 7217 838
E-mail: nezika.petric@bfro.uni-lj.si