



Kmetijsko gozdarska zbornica Slovenije

KMETIJSKO GOZDARSKI ZAVOD  
MURSKA SOBOTA

## **LECTURE PROGRAM**

# **28<sup>th</sup> INTERNATIONAL SCIENTIFIC SYMPOSIUM ON NUTRITION OF FARM ANIMALS**

**“ZADRAVEC-ERJAVEC DAYS 2019”**

7<sup>th</sup> and 8<sup>th</sup> November 2019  
(Thursday and Friday)

**Congress hall  
Hotel Radin  
Radenci**

Dear all!

Before us is already 28th traditional International scientific conference on farm animal nutrition in Radenci, where top domestic and foreign experts will present the latest research findings.

The increasing population in the world and the increasing climate change frequency reminds us that we will have to manage natural resources more economically in the future. Our common mission is to contribute to the production of healthy local quality food, to the conservation of water resources, and to the reduction of emissions in livestock production through sustainable farming. If all the findings presented here will be put to good use in practice, the success of our conference will be achieved .

praksi.

### **Registration for participation**

Please fill in the attached application card and return it with all necessary data to the organizer address **by 5<sup>th</sup> November 2019** at the latest.

*The reservation of the hotel is arranged by the participants of the consultation themselves, and must be made no later than 31.10.2019.*

### **Registration fee**

- Participation fee for one day of the attendance at conference is **70 EUR**, participation for two days of the attendance at conference is **130 EUR**, ***including dinner*** (excluding VAT per participant), or **EUR 50** for one day of the attendance at conference and for two days of the attendance at conference is **110 EUR**, ***without dinner*** (excluding VAT per participant) and can be paid in two ways:
  - a) non-cash payment: fill out the application form, we will issue you an invoice with a payment period of 7 days, or
  - b) cash payment: upon acceptance and registration before the conference begins
- The main contributors, referents, one sponsor representative and Journalists are exempt from the registration fee.
- Registration fee includes (in the package): attending at the conference, printed materials of the conference - printed proceedings, refreshments during breaks.

### **Additional information KGZS (IAF) Murska Sobota**

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**Website:** [www.kgzs-ms.si](http://www.kgzs-ms.si)

## PROGRAM OF CONSULTATION

THURSDAY, 7<sup>th</sup> November 2019

### 8.00 Admission and registration

8.45 Welcome speeches:

**FRANC REŽONJA**, director of KGZS-Zavod Murska Sobota

**Representative of Ministry of Agriculture, Forestry and Food**

**CVETO ZUPANČIČ**, president of Chamber of Agriculture and Forestry Slovenia

**Roman LELJAK**, mayor of the municipality Radenci

**Meta FRANGEŽ**, the wine queen of Slovenia

9.30 **SALOBIR, J., PAJK ŽONTAR, T.** (University of Ljubljana, Biotechnical Faculty, Domžale): *Importance of foodstuffs of animal origin in terms of sustainable human nutrition.* (20)

9.50 **KRAMBERGER, B., PODVRŠNIK, M.** (University of Maribor, Faculty of Agriculture and Life Science, Hoče): *Impact of grassland management on carbon sequestration in soil organic matter.* (20)

10.10 **TERLER, G., RESCH, R., GAPPMAIER, S., SCHAUER, A., GRUBER, L.** (HBLFA Raumberg-Gumpenstein, Institute of Animal Nutrition, Livestock Products and Nutrition Physiology, Irnding-Donnersbachtal, Austria): *Nutritive value and fermentation characteristics of whole plant silage from sorghum varieties compared to forage maize.* (20)

10.30 **VERBIČ, Jo., ŽNIDARŠIČ, T., BENEDIČIČ, J., LUKAČ, B., VERBIČ, Ja., POJE, T.** (Agricultural Institute of Slovenia, Ljubljana): *Changes in concentrations of crude protein and net energy for lactation during the haymaking process.* (20)

10.50 **BENEDIČIČ, S., KOLAR, A., KOSEC, B.** (University of Ljubljana, Faculty of Mechanical Engineering, Ljubljana): *Hay milk and meat - a comprehensive development of a platform.* (15)

11.05 Discussion (15)

11.20 Coffee break (30)

11.50 **ŽNIDARŠIČ, T., VERBIČ, Jo., DAKSKOBLER, I., VREŠ, B., ŠILC, U.** (Agricultural Institute of Slovenia, Ljubljana): *Management effect on species rich meadows on forage yield, feed value, soil mineral content and botanical diversity.* (20)

12.10 **KOPAČ, P., VERBIČ, J., ČOP, J.** (Medno 18, Ljubljana - Šentvid): *Relationships between age, mean development stage, yield, concentration of crude protein and net energy value of Italian ryegrass.* (15)

12.25 **ALEMAYEHU, W., TÓTHI, R., OROSZ, Sz., FÉBEL, H., TÓTH, T.** (Kaposvár University, Faculty of Agricultural and Environmental Sciences, Institute of Nutrition and Product Development, Department of Animal Nutrition, Hungary): *Prediction of nutritive value in mixtures of Italian ryegrass (*Lolium multiflorum* Lam.) and winter cereals silages: Nutrient digestibility and energy concentrations using nutrient compositions and fermentation characteristics.* (20)

12.45 **GAPPMAIER, S., GRUBER, L., SCHAUER, A., ROYER, M.** (HBLFA Raumberg-Gumpenstein, Institute of Animal Nutrition, Livestock Products and Nutrition Physiology, Irnding-Donnersbachtal, Austria): *Investigations on the intensity of calf and heifer rearing regarding to the later milk production.* (20)

13.05 **KLINGLER, A., SCHAUMBERGER, A., VUOLO, F., PÖTSCH, E.M.** (HBLFA Raumberg-Gumpenstein, Institute of Plant Production und Cultural Landscape, Department of Grassland Management and Cultural landscape, Irnding-Donnersbachtal, Austria): *Use of satellite data for grassland management.* (20)

## POSTERS PRESENTATION

- 13.25** ŽABJEK, A., BABNIK, D. (Agricultural Institute of Slovenia, Ljubljana): *Age, weight and carcass quality of heifers and primiparous cows slaughtered in Slovenia.* (5)
- 13.30** OPARA, A. (Agricultural Institute of Slovenia, Ljubljana): *Haplotypes affecting fertility.* (5)
- 13.35** ČERVEK, M. (Emona Development Centre, Ljubljana): *Where is the world's livestock farming?* (5)
- 13.40** Discussion (10)
- 13.50** Coffee break (80)
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- 15.15** JEVŠINEK SKOK, D., JERETINA, J. (Agricultural Institute of Slovenia, Ljubljana): *Association study of genetic effects on somatic cells count in milk of the Brown Swiss cattle.* (20)
- 15.25** JERETINA, J., BABNIK, D. (Agricultural Institute of Slovenia, Ljubljana): *Analysis of electrical conductivity of milk on farms with automated milking system.* (20)
- 15.45** MOLJK, B., JERETINA, J. (Agricultural Institute of Slovenia, Ljubljana): *The influence of the automatic milking system on the important technological parameters of milk production with economic indicators.* (20)
- 16.05** KLOPČIČ, M., KUIPERS, A., GALAMA, P. (University of Ljubljana, Biotechnical Faculty, Domžale): *Innovation in housing and management systems for dairy cows.* (20)
- 16.25** Discussion (10)
- 16.35** Coffee break (25)
- 17.00** JEŽEK, J., HODNIK, J.J., STARIČ, J. (University of Ljubljana, Veterinary Faculty, Ljubljana): *Prevention of diarrhoea in calves.* (20)
- 17.20** LAVRENČIČ, A., SARNATARO, C. (University of Ljubljana, Biotechnical Faculty, Domžale): *Effects of olive leaves and olive pulps on in vitro degradability and fermentability of dairy cows' diet.* (20)
- 17.40** HUDOBIVNIK, M., MRKUN, J., KOSMAČ, E., JEŽEK, J. (University of Ljubljana, Veterinary Faculty, Ljubljana): *Impact of fatty acids supplement on the health and productivity of dairy cows in the postpartum period.* (20)
- 18.00** LEŠNIK, M. (ŠANTL VA d.o.o., Bolehnečici 4C, Sv. Jurij): *Hormonal therapy of anesthetic cows and heifers in practice.* (20)
- 18.20** POTEKO, J. (Hochschule Weihenstephan-Triesdorf, University of Applied Sciences, Weidenbach, Germany): *Effect of dairy housing system on ammonia emissions.* (20)
- 18.40** KIŠ, G., ROŽIČ, D. (University of Zagreb, Faculty of Agriculture): *Methane emission from cattle production in the Republic of Croatia.* (20)
- 19.00** Discussion (15)
- 19.15** Free
- 20.00** GALA DINNER

## FRIDAY, 8<sup>th</sup> November 2019

- 9.00** SALOBIR, J. (University of Ljubljana, Biotechnical Faculty, Domžale): *Possibilities of pig nutrition to reduce environmental impact of pig production.* (20)
- 9.20** URANKAR, J., GOLINAR OVEN, I., ŠTUKELJ, M., KOVAČ, M., MALOVRH, Š. (University of Ljubljana, Biotechnical Faculty, Domžale): *Evaluating management changes on pig family farms.* (20)
- 9.40** PREVALNIK, D., URANKAR, J., PLEVNIK, G., KORPAR, S., HVALEC, M., FLISAR, T., MALOVRH, Š. (Institute of Agriculture and Forestry, Ptuj): *Change in boar sperm quality.* (20)
- 10.00** LESKOVEC, J., FANEDL, L., MARINŠEK LOGAR, R., LEVART, A., REZAR, V., SALOBIR, J. (University of Ljubljana, Biotechnical Faculty, Domžale): *Nutritional value of olive leaves and cake in piglets.* (15)
- 10.15** ZUPAN ŠEMROV, M., PREVALNIK, D., SEVER, S. (University of Ljubljana, Biotechnical Faculty, Domžale): *Use of social toy on Slovenian pig farms with the aim to reduce tail-biting in pigs.* (15)
- 10.30** VUKOVIĆ, V., ANDONOV, S. (University of St"Cyril and Methodius", Faculty of Agricultural Sciences and Food, Skopje, Macedonia): *Overview of Macedonian pig husbandry farm results.* (20)
- 10.50** Discussion (15)
- 11.05** Coffee break (25)
- 11.30** VIDRIH, M., FERJAN, B., VUČAJNK, F. (University of Ljubljana, Biotechnical Faculty, Department for Agriculture, Ljubljana): *Growth and development changes in grass sward on sheep winter camp site.* (20)
- 11.50** KERMAUNER, A., LAVRENČIČ, A. (University of Ljubljana, Biotechnical Faculty, Domžale): *Relations between chemical composition and in vitro kinetics of sugar beet pulp in inoculum, prepared from rabbit caecum content.* (20)
- 12.10** REZAR, V., LEVART, A., ŽGUR, S., SALOBIR, J. (University of Ljubljana, Biotechnical Faculty, Domžale): *The effects of olive lives and cake in feed mixtures for broiler chickens on the utilisation of nutrients and on bone mineralisation.* (20)
- 12.30** TERČIČ, D., BIZJAK, M., SIMČIČ, M. (University of Ljubljana, Biotechnical Faculty, Domžale): *The relationship between external characteristics of hatching eggs and sex of chickens.* (20)
- 12.50** TUŠEK, T., ALAGIĆ, D., STOJNOVIĆ, M., KALEMBER, Đ., VRBANČIĆ, M., MEŠTROVIĆ, M. (College of Agriculture, Križevci, Croatia): *Our experiences in cockerel and capon fattening of hybrid lines Ross-308, Hubbard and Sasso.* (20)
- 13.10** Discussion and the conclusion of the Conference (20)

## Accommodation options for conference attendees (booking up to 31.10.2019)

Hotel Radin \*\*\*\* in Radenci:

Bed and breakfast: **1/1** 70,00 EUR + registration fee 1,00 EUR/accomodation + tourist tax 2,00 EUR/day,  
and **1/2** 58,00 EUR/person + registration fee 1,00 EUR/accomodation + tourist tax 2,00 EUR/day.

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For **28<sup>th</sup> International Scientific symposium on Nutrition of farm animals** "Zadavec-Erjavec days", Radenci 7<sup>th</sup> and 8<sup>th</sup> November 2019,

**Institution**

Street:

Nr.:

Postcode:

City:

Phone/Fax:

Liabli for VAT\*: YES NO TAX Number: \_\_\_\_\_ way of payment\*: a) cashless b) cash

**Definitely registering the following participants, with dinner, without dinner.**

	Name and surname
1.	
2.	
3.	
4.	
5.	

**Application deadline: 5<sup>th</sup> November 2019**

Signature of responsible person:

Stamp

**Kmetijsko gozdarski zavod Murska Sobota**  
**"Zadavčevi-Erjavčevi dnevi 2019"**  
Štefana Kovača 40

**9000 MURSKA SOBOTA**  
**SLOVENIA**