

Tentative Programme

SUMMER SCHOOL – REPRODUCTION IN RUMINANTS (9th – 18th July 2012)

1st WEEK

- DAY 1. – SUBFERTILITY IN DAIRY COWS
- DAY 2. – PREGNANCY LOSS IN COWS
- DAY 3. – MANAGEMENT FAILURES OF DAIRY FARM
- DAY 4. – ASSISTED REPRODUCTION IN COWS-CURRENT PERSPECTIVE
- DAY 5. – ASSISTED REPRODUCTION IN SMALL RUMINANTS

2nd WEEK

- DAY 6. – EVALUATION AND MAXIMIZING BULL FERTILITY
- DAY 7. – INFLUENCE OF CLINICAL DISEASE ON REPRODUCTION IN COWS
- DAY 8. - VISIT TO DAIRY FARM AND SHEEP FARM

Daily schedule

- 8.00 – 9.00 Breakfast
- 9.00 – 11.00 Lectures
- 11.00 – 11.30 Coffee break
- 11.30 – 13.00 Lectures
- 13.00 – 15.00 Lunch
- 15.00 – 17.00 Lectures

Topics and lecturers

Day 1. Subfertility in dairy cows

Including: metabolic disorders, ovarian disorders, endometritis

Principal: Prof. dr. Geert Opsomer

Associates: Prof. dr. sc. Darko Gereš, prof. dr. sc. Damir Žubčić, prof. dr. sc. Marko Samardžija,

Day 2. Pregnancy loss in cows

Including: embryonic mortality, abortion, monitoring pregnancy, Principal: Prof. dr. Otto Szenci

Associates: Doc. dr. sc. Nikica Prvanović, dr. sc. Boris Habrun, prof. dr. sc. Goran Bačić

Day 3. Management failures of dairy farms

Including: environment, welfare of the cows, organization of milking, good and bad practice, claw hygiene, mastitis, principal: : Prof. dr. Geert Opsomer

Associates: prof. dr. sc. Goran Bačić, prof. dr. sc. Josip Kos, prof. dr. sc. Damir Žubčić

Day 4. Assisted reproduction in cows-current perspective

Including: scientific approach, practical approach, using of assisted reproduction as a method of biodiversity protection

Principal: Prof. dr. sc. Urban Besenfelder

Associates: Dr. sc. Mario Matković, Mr. sc. Zvonko Tuček, Dr. sc. Martina Karadjole, Prof. dr. sc. Iva Getz

Day 5. Assisted reproduction in small ruminants

Including: protocols for superovulation, cryopreservation, cryobiology, induction of oestrus, induction of ovulation, induction of seasonality

Principal: Doc. Dr. sc. Juraj Grizelj

Associates: Dr. sc. Silvio Vince, Branimira Ževrnja dr. vet. Med.

WEEKEND

Sightseeing Split and Diokletian palace

Visit to Sinj, museum of chilvaric knights game "Alka" and studfarm "Alkarska ergela"

Day 6. Evaluation and maximizing bull fertility

Including: andrological and spermological tests, differences between management for dairy and beef bulls, management for maximizing and optimization of fertility of bulls in A.I. centers.

Principal: prof. dr. Detlef Rath

Associates: Prof. dr. Marijan Cergolj, prof. dr. sc. Marko Samardžija, Dr. sc. Mario Matković, dr. sc. Ivanka Majić Balić, Antonio Orak, dr. vet. med.

Day 7. Influence of clinical disease on reproduction in cows

Including: recognition and avoiding clinical disease and stress in dairy farming, providing excellent environment for dairy cows, influence of stress on health, production and reproduction of dairy cows

Principal: prof. dr. sc. Hilary Dobson

Associates: Prof. dr. Geert Opsomer, prof. dr. sc. Marko Samardžija, prof. dr. sc. Marija Vučemilo, dr. sc. Kristina Matković

Day 8. Practical work at dairy and sheep farm

Including: technical visit to dairy farm "Bokanjac" and private sheep farm for traditional cheese production in Drniš, analytical approach to productive and reproductive data on farm, analytics of present status

Principal: Prof. dr. Goran Bačić

Associates: Prof. dr. sc. Geert Opsomer, prof. dr. sc. Otto Szenci, prof. dr. sc. Josip Kos, prof. dr. sc. Marko Samardžija, prof. dr. sc. Tomislav Dobranić, dr. sc. Silvio Vince

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