

Animal Science Days 2022 - Scientific programme

Zadar, Croatia
21st – 23rd September

| Tuesday, 20 th 2022 | |
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| 18:30 - 19:30 | Registration |
| Wednesday, 21 st 2022 | |
| 7:30 - 8:30 | Registration |
| 8:30 - 9:00 | Opening speech |
| 8:30 - 8:35 | Vlatka Cubric-Curik |
| 8:35 - 8:45 | Klaudija Carović-Stanko (Vice Dean) |
| 8:45 - 8:55 | ASD's Community History Martino Cassandro |
| 8:55 - 9:00 | In memoriam Professor Miroslav Kapš Maja Ferenčaković |
| 9:00 - 10:00 | Invited speakers |
| 9:00 - 9:30 | eDNA metabarcoding: general concepts and practical examples Cristiano Vernesi |
| 09:30 - 10:00 | Honesty is the best policy: or how genetic diversity has emerged from the shadows in conservation planning and what we need to do to keep in the spotlight Mike Bruford |
| 10:00 - 10:15 | Coffee break |
| 10:15 - 12:00 | Animal Breeding and Genetics (Chairmen: L. Vostry, B. Lukic) |
| 10:15 - 10:30 | Male and female autosomal genetic maps of Fleckvieh cattle Abitew Y A, Mészáros G, Duenk P, Druet T, Sölkner J |
| 10:30 - 10:45 | Diversity of Slovakian wild boar in European context Kasarda R, Moravčíková N, Lukić B, Raguz N, Curik I, Cubrik-Curik V, Židek R, Hustinová M |
| 10:45 - 11:00 | Genetic parameters of growth, feed efficiency and greenhouse gases emissions in Italian Holstein young bulls Benzoni L, Tiezzi F, Finocchiaro R, Galluzzo F, Cassandro M |
| 11:00 - 11:15 | Differences in phenotype, wool and semen quality traits between two Slovenian autochthonous sheep breeds |

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| | Bizjak M, Simčič M |
| 11:15 - 11:30 | Genetic variability of two Czech national sheep breeds investigated through haploblocks Machová K, Tichý L, Calta J, Vostrý L |
| 11:30 - 11:45 | Mitogenome sequencing of Hungarian Grey cattle by use of founder sampling Maróti-Agóts Á, Wágenhoffer Zs, Fűrlinger D, Lancioni H, Kaltenecker E, Gáspárdy A |
| 11:45 - 12:00 | Sex difference in the inbreeding level in the Pseudo-Autosomal Region Shihabi M, Vostry L, Ferenčaković M, Cubric-Curik V, Brajkovic V, Drzaic I, Curik I |
| 12:00 - 12:30 | Poster Session (Chairmen: L. Vostry, B. Lukic) |
| 12:00 - 12:03 | Attitudes of dog owners and breeders towards genetic testing Brokés T, Mészáros G |
| 12:03 - 12:06 | mtDNA diversity in Hungarian red deer, <i>Cervus elaphus</i> populations confirms the knowledge about the origin of the species Kusza S, Khederzadeh S, Bagi Z, Tóth B, Tari T, Náhlik A |
| 12:06 - 12:09 | A review on genetic diversity of local chicken population and their adaptation potential to climate change in tropical climate: a case study in East African countries Pius L O, Wanjala G, Strausz P, Kusza S |
| 12:09 - 12:12 | Runs of homozygosity patterns in Hrvatica chicken breed Dautanec M, Ferenčaković M, Janječić Z, Cubric-Curik V |
| 12:12 - 12:15 | Genomics of dwarfism in Italian local chicken breeds Perini F, Cendron F, Wu Z, Sevane N, Dunner S, Smith J, Lasagna E, Cassandro M, Penasa M |
| 12:15 - 12:18 | Genomic differentiation between red and spotted cattle breeds in Slovakia and Czech Republic Moravčíková N, Kasarda R, Prišťák J, Vostry L, Vostra Vydrova H |
| 12:18 - 12:21 | Effects of stage of lactation, parity, season and pdo production chain on acidity, composition and fatty acid profile of bovine milk Mariani E, Stocco G, Ablondi M, Summer A, Niero G, Penasa M, Cipolat-Gotet C |
| 12:21 - 12:24 | The role of prlr gene polymorphisms in milk production of rabbits Benedek I, Nagy I, Mezőszentgyörgyi D, Molnár T |
| 12:24 - 12:27 | The effects of cryopreservation on chicken primordial germ cell viability and germ cell specific marker expression profile Ecker A, Lázár B, Tóth R, Urbán M, Szabadi N T, Várkonyi E, Gócza E |
| 12:27 - 12:30 | Genetic and survival analysis of survival time of local chicken ecotypes naïvely challenged with Newcastle disease in Ghana Ampofo I, Soelkner J, Meszaros G, Bovenhuis H, Walugembe M, Dekkers J, Amuzu E |
| 12:30 - 14:00 | Lunch break |
| 14:00 - 15:30 | Animal Breeding and Genetics (Chairmen: R. Kasarda, M. Ferenčaković) |

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| 14:00 - 14:15 | Genomic insights to polledness, wool quality and color traits in Valachian sheep Mészárosová M, Mészáros G, Moravčíková N, Pavlík I, Margetín M, Kasarda R |
| 14:15 - 14:30 | Population structure and admixture in closely related Czech Norik horse populations Vostry L, Vostrá-Vydrová H, Hofmanova B, Moravcikova N, Kasarda R, Meszaros G, Shihabi M, Cubric-Curik V, Curik I |
| 14:30 - 14:45 | SNP genotyping and genetic analyses of Montenegrin local sheep breeds Đokić M, Drzaic I, Shihabi M, Marković B, Cubric-Curik V |
| 14:45 - 15:00 | Individual heterosis for growth traits in Peruvian guinea pig lines Cedano-Castro J I, Wurzinger M, Gutiérrez G, Jiménez R, Huamán A, Sölkner J |
| 15:00 - 15:15 | Preliminary study results on the gene expression analysis of intramuscular fat content in Black Slavonian pig Lipavić G, Raguz N, Curik I, Cubric-Curik V, Lukic B |
| 15:15 - 15:30 | Analysis of inbreeding effects on survival at birth of pannon white rabbits using inbreeding-purging model Kövér G, Curik I, Vostry L, Mezőszentgyörgyi D, Farkas J, Nagy I |
| 15:30 - 15:45 | Poster Session (Chairmen: R. Kasarda, M. Ferenčaković) |
| 15:30 - 15:33 | Effective population size and population structure in African chicken Xu C, Megens H J, Sölkner J, Kebede A, Bamidele O, Smith J, Hanotte H, Gheyas A, Mészáros G |
| 15:33 - 15:36 | Examination of primordial germ cell (pgc) cultures derived from the offspring of heat-conditioned domestic hens: comparison of the RNA expression profile Gócza E, Ecker A, Lázár B, Tóth R, Urbán M, Szabadi N T, Salinas Aponte M T, Várkonyi E |
| 15:36 - 15:39 | Contribution of the weighted single-step gblup method for genomic evaluation of udder conformation in Holstein cattle Brzáková M, Bauer J, Příbyl J, Fulínová D, Šplíchal J |
| 15:39 - 15:42 | Integration efficiency of GFP-expressing PGCS into chicken gonads Tóth R, Lázár B, Ecker A, Urbán M, Várkonyi E, Gócza E |
| 15:42 - 15:45 | Genetic parameters of American Quarter horses registered in the Slovenian stud book Ferme T, Zorc M, Jamnik Cerk K, Tanšek A, Dolinar M, Dovč P |
| 15:45 - 16:30 | Coffee break |
| 16:30 - 17:15 | Animal Nutrition (Chairmen: S. Žgur, C. Szabo) |
| 16:30 - 16:45 | Effect of dietary olive leaves and pulp on oxidative status in broiler chickens Rezar V, Pečjak M, Salobir J, Levart A |
| 16:45 - 17:00 | Dose-dependent effects of the dietary fumonisin b series on the liver membrane lipids of weaned piglets Ali O, Mézes M, Balogh K, Kovács M, Mouhanna A, Szabó A |

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| 17:00 - 17:15 | Dietary supplementation with olive polyphenols in rainbow trout: effects on growth and fillet quality Bordignon F, Fanizza C, Trocino A, Xiccato G, Fasolato L, Gasco L, Bellezza Oddon S, Caimi C, Balzan S, Novelli E |
| 17:15 - 17:33 | Poster Session (Chairmen: S. Žgur, C. Szabo) |
| 17:15 - 17:18 | Effects of low protein diets and probiotic supplementation on gut health parameters of broiler chickens Strifler P, Horváth B, Such N A, Kisjuhász G, Károly D, Pál L |
| 17:18 - 17:21 | Effects of heat stress and high dietary antioxidant supplementation on the ileal digestibility of nutrients and certain minerals in pigs Sol Valmoria Ortega A D, Babinszky L, Ozsváth X E, Humphrey Oriedo O, Oláh J, Szabó C |
| 17:21 - 17:24 | Influence of multicomponent transition drench on rumen fermentation parameters of cows Kacsala L, Tóthi R, Tóth T |
| 17:24 - 17:27 | Evaluation of early l-threonine supplementation on performance of broilers Tischler A, Áprily Sz, Nagy J, Ács V, Szeli N, Halas V |
| 17:27 - 17:30 | The change of microbial diversity and mycotoxins concentration in corn silage after addition of silage additives Kalúzová M, Kačániová M, Bíro D, Šimko M, Gálik B, Rolinec M, Hanušovský O, Felšöciová S, Juráček M |
| 17:30 - 17:33 | Feeding corn- or wheat-based diets impacts on performance parameters and the caecal microbiota composition of broiler chickens Such N A, Farkas V, Pál L, Wágner L, Strifler P, Horváth B, Dublicz K |
| 17:33 - 17:45 | Break |
| 17:45 - 18:15 | Animal Production and Welfare (Chairmen: V. Cubric-Curik, V. Brajkovic) |
| 17:45 - 18:00 | Influence of in-ovo injection of methionine on the histomorphometric analysis of jejunum in layer genotypes newly hatched chicks Kachungwa Lugata J, Oláh J, Czeglédi L, Mészár Z, Varga R, Szabó C |
| 18:00 - 18:15 | Dead on arrival (DOA) in pigs: a five-year data collection in Italian slaughterhouses Menchetti L, Zappatera M, Padalino B, Nanni Costa L |
| 18:15 - 18:36 | Poster Session (Chairmen: V. Cubric-Curik, V. Brajkovic) |
| 18:15 - 18:18 | Feed preference and feeding behaviour of different mouse species in laboratory housing modelling small domesticated mammals Bárdos B, Kövér G, Szabó A, Mezőszentgyörgyi D, Gerencsér Z, Nagy I |
| 18:18 - 18:21 | Contribution of feed source on environmental impact of pig production Martinić O, Karolyi D, Škorput D, Luković Z, Menčik S, Salajpal K |
| 18:21 - 18:24 | Diversity and nutrition development of pure chicken breeds in Slovakia Hrnčár C, Bujko J, Kaščák K, Bučko O, Hanusová E, Kasarda R |
| 18:24 - 18:27 | Examination of behavioural patterns of laying hens of different genotypes in a pen housing system with scratching area and plastic mesh floor (preliminary results) |

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| 18:27 - 18:30 | Farkas T P, Szász S, Orbán A, Mezőszentgyörgyi D, Musincki D, Sütő Z Milkability of Holstain dairy cows under practical conditions in Slovakia Tančin V, Uhrinčať M, Mačuhová L, Tvarožková K, Vršková M |
| 18:30 - 18:33 | Milkability of Slovak Spotted dairy cows under practical conditions Uhrinčať M, Tančin V, Mačuhová L, Tvarožková K, Vršková M |
| 18:33 - 18:36 | Effects of physical and social stressors on some blood biochemistry parameters of common eland (<i>Taurotragus oryx</i>) Musa A S, KundanKumar J, Needham T, Veit N, Kotrba R, Ceacero F |
| 20:00 - 23:00 | Gala Dinner with Klapa Donat |

Thursday, 22nd 2022

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| 8:30 - 9:30 | Invited speakers |
| 8:30 - 9:00 | Animal domestication: Who domesticated whom? Preston T. Miracle |
| 9:00 - 9:15 | Use of Combifoss measurements for supporting your selection decision Labena d.o.o. |
| 9:15 - 9:30 | Introducing InfiniSeek Bovine - Genome- wide Low-pass sequencing with High- Coverage sequencing at targeted loci Helene Hofeneder-Barclay, NEOGEN |
| 09:30 - 10:00 | Poster Session (Chairmen: V. Tančin, P. Dovč) |
| 9:30 - 9:33 | Maternal phylogeny of Old Serbian shepherd dog based on mitochondrial DNA Dolinar M, Zorc M, Tanšek A, Ferme T, Dovč P |
| 9:33 - 9:36 | Natural antioxidants in poultry products Biazik E, Kralik Z, Kosevic M |
| 9:36 - 9:39 | Examination of the antioxidant system in knock-out rabbits on cholesterol-rich diet Pintér T, Muhammad F, Major F, Petheő G L, Szeles Z, Skoda G, Kerekes A, Hiripi L, Geiszt M, Bodrogi L |
| 9:39 - 9:42 | Prediction of ammonium emission from dairy cow farms according to urea content in milk Papović T, Kučević D, Trivunović S, Janković D, Čobanović K |
| 9:42 - 9:45 | The effects of t-2 toxin and zearalenone on the embryonic development of chicken Urbán M, Tóth R, Szőke Z, Ebbin N A, Gócza E |
| 9:45 - 9:48 | Influence of genotype and type of muscle tissue of chickens on the content of carnosine and anserine in meat Kralik Z, Kralik G, Galović O, Gvozdanović K, Radišić Ž, Košević M |
| 9:48 - 9:51 | Production and investigation of guinea fowl and domestic fowl hybrids for pgc-based cryopreservation programmes Molnár M, Lázár B, Sztán N, Végi B, Drobnyák A, Tóth R, Liptói K, Gócza E, Nandi S, McGrew J M, Várkonyi E |

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| 9:51 - 9:54 | Effect of season of birth of heifers on milk production and composition Mačuhová L, Tančin V, Mačuhová J, Uhrinčať M, Vršková M |
| 9:54 - 9:57 | Dispersion parameters for growth of boars during on-farm test Ule A, Kovač M, Malovrh Š |
| 10:00 - 10:15 | Coffee break |
| 10:15 - 12:30 | One Health (Chairmen: P. Burger, J. Ramljak) |
| 10:15 - 10:30 | Occurrence of mastitis pathogens at dry off period and after calving in dairy cows Vršková M, Tvarožková K, Tančin V, Uhrinčať m, Mačuhová L, Holko I |
| 10:30 - 10:45 | The incidence of pathogens in milk of goats and relation with somatic cell count and milk composition Tvarožková K, Tančin V, Uhrinčať M, Mačuhová L, Oravcová M |
| 10:45 - 11:00 | Survey of eimeria oocyst and passalurus ambiguus infections at industrial rabbit farms depending on the season Demeter Cs, Matics Zs, Gerencsér Zs, Demeter-Jeremiás A, Sándor F, Némét Z |
| 11:00 - 11:15 | Human impacts on helminth fauna diversity in wild carnivores Moloi S, Tari T, Nagy G, Cshivincsik A |
| 11:15 - 11:30 | Exploring microbial communities in haloponic systems at different water salinity Zardinoni G, Stevanato P, Bordignon F, Fanizza C, Trocino A, Xiccato G |
| 11:30 - 11:45 | Importance of mid-infrared spectra regions for the prediction of mastitis and ketosis in dairy cows Gruber S, Rienesl L, Köck A, Sölkner J |
| 11:45 - 12:00 | Pig as a potential reservoir for Sars-cov-2 infections Tanšek A, Zorc M, Bevec T, Auró Navarro G, Dolinar M, Ferme T, Dovč P |
| 12:00 - 12:15 | Investigating the effect of early mycotoxin exposure on the development of non-communicable diseases in an animal model system Major F, Pintér T, Skoda G, Lipták N, Gócza E, Ferencziné Szőke Z, Bodrogi L |
| 12:15 - 12:30 | Impact of vaccination against bovine respiratory disease on antimicrobial use in Italian beef cattle Santinello M, Scali F, Alborali G L, De Marchi M, Penasa M |
| 12:30 - 14:00 | Lunch break |
| 14:00 - 15:15 | Animal Breeding and Genetics (Chairmen: N. Moravcikova, N. Raguz) |
| 14:00 - 14:15 | Assesing among flocks genetic diversity in Istrian sheep to define framework for optimum contribution selection Špehar M, Ramljak J, Kasap A |
| 14:15 - 14:30 | MaGelLAn2.0: extending the capabilities for the population genetic analysis Hršak D, Ristov S, Cubric-Curik V, Novosel D, Curik Ino, Brajkovic V |
| 14:30 - 14:45 | Genomic adaptation in local Grey Alpine cattle: inbreeding comparison and signatures of selection |

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| 14:45 - 15:00 | Gomez Proto G, Mancin E, Tuliozi B, Sartori C, Mantovani R Increasing effective population size by strengthening genetic connectedness between flocks: case study on Pag Sheep breed Kasap A, Ramljak J, Špehar M |
| 15:00 - 15:15 | Y chromosome illuminates paternal history of modern horse breeds Radovic L, Bozlak E, Rigler D, Brem G, Wallner B |
| 15:15 - 15:30 | Poster Session (Chairmen: N. Moravcikova, N. Raguz) |
| 15:15 - 15:18 | The effect of inbreeding on milk production in Czech Holstein cattle Curik I, Vostra-Vydrova H, Shihabi M, Sölkner J, Brzakova M, Pocrnic I, Gorjanc G, Vostry L |
| 15:18 - 15:21 | Genomic analysis of Croatian Goats Orehovački V, Drzaic I, Mikulec N, Vostry L, Curik I, Cubric-Curik V |
| 15:21 - 15:24 | Is <i>M. longissimus thoracis</i> colour connected with other traits under selection? Leskovec J, Voljč M, Luštrek B, Žgur S, Čepon M, Malovrh Š |
| 15:24 - 15:27 | Analysis of the genetic structure of Slovak Holstein cattle using genes associated with nutritional value and technological properties of milk Miluchová M, Gábor M, Gašper J |
| 15:27 - 15:45 | Coffee break |
| 15:45 - 17:30 | Animal Production and Welfare (Chairmen: A. Gáspárdy, G. Kušec) |
| 15:45 - 16:00 | Changes in the proportion of eggs laid in the nest and in the litter in an indoor alternative housing system in the case of purebred hen lines during 12 months of production (preliminary results) Farkas T P, Szász S, Orbán A, Mezőszentgyörgyi D, Musincki D, Sütő Z |
| 16:00 - 16:15 | Feather conditions and injuries observed on certain body parts of layer hybrids and purebred hen lines in three way of housing Szász S, Farkas T P, Orbán A, Mezőszentgyörgyi D, Erős A, Garamvölgyi E, Sütő Z |
| 16:15 - 16:30 | Estimation of temperament of dairy cows by response to a novel object Juhás P, Vavrišínová K, Dóbi J, Strapák P |
| 16:30 - 16:45 | Landings and climbings of pullets in a cage free system at housing: effect of genotype and enrichment Ciarelli C, Bordignon F, Pillan G, Xiccato G, Birolo M, Trocino A |
| 16:45 - 17:00 | Non-genetic factors affecting udder health traits in milk of Italian local cattle breeds Magro S, Costa A, Santinello M, De Marchi M |
| 17:00 - 17:15 | Physical characterization of ten varieties of hemp to use as animal bedding material Arango S, Guzzo N, Montanari M, Bailoni L |
| 17:15 - 17:30 | Carcass traits of bovine animals slaughtered in Slovenia from 2009 to 2021 Leskovec J, Voljč M, Žgur S |
| 17:30 - 17:45 | Break |

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| 17:45 - 18:45 | Animal Production and Welfare & Animal Nutrition (Chairmen: A. Gáspárdy, G. Kušec) |
| 17:45 - 18:00 | The influence of on-farm resting time on stress markers and slaughtering traits of culled sows Kušec G, Djurkin Kušec I, Gvozdanović K, Đidara M, Radišić Ž, Bagarić M, Komlenić M |
| 18:00 - 18:15 | Effect of acorn feeding on meat quality and expression of myosin heavy chain and some energy metabolism-related genes in the longissimus dorsi muscle of Turopolje pigs Karolyi D, Vrecl M, Salajpal K, Luković Z, Škorput D, Fazarinc G, Čandek-Potokar M |
| 18:15 - 18:30 | Lignocellulose roll on performance, animal health and welfare in modern monogastric feed formulation Mayer A, Bosse A, Demeter Cs, Matics Z, Gerencsér Zs |
| 18:30 - 18:45 | Effect of grape pomace intake on the rumen bacterial community of sheep Rolinec M, Medo J, Gábor M, Miluchová M, Šimko M, Juráček M, Hanušovský O, Schubertová Z, Bíro D, Zábanský L, Gálik B |
| 19:00 - 21:00 | Zadar walking tour with cheese tasting |

Friday, 23rd 2022

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| 8:30 - 9:00 | Precision Animal Breeding (Chairmen: Z. Krupova, G. Meszaros) |
| 8:30 - 8:45 | Comparing enteric methane emissions predicted from different equations based on milk fatty acid profile of dairy cows Massaro S, Amalfitano N, Schiavon S, Bittante G, Tagliapietra F |
| 8:45 - 9:00 | Fogging system affects microclimate, antioxidant capacity and scrotal characteristics in Frieswal breeding bulls during summer season Sirohi A S, Pande M, Chand N, Mahajan S, Tyagi S, Kumar S, Kumar S, Sarika |
| 9:00 - 10:00 | Animal Breeding and Genetics (Chairmen: Z. Krupova, G. Meszaros) |
| 9:00 - 9:15 | Common selection signatures for heat tolerance in humans, goats and pigs Atrian-Afiani F, Mészáros G |
| 9:15 - 9:30 | Optimisation of the Holstein health indeks Krupová Z, Zavadilová L, Krupa E, Kašná E |
| 9:30 - 9:45 | Genetic characterization and landscape genetics of local taurine cattle populations in Burkina Faso Tapsoba A S, Ouedraogo D, Barbato M, Yougbare B, Traore A, Koné-Ouedraogo S, Meszaros G, Sölkner J, Soudré A, Burger P A |
| 9:45 - 10:00 | MBL2 gene polymorphisms in Mediterranean Italian River Buffalo (MIRB) (<i>Bubalus bubalis</i>) and their association with milk Somatic Cell Count (SCC) Pugliano M, Nowacka-Woszuik J, Stachowiak M, D'Anza E, Matera R, Longobardi V, Peretti V, Albarella S, Szczerbal I, Switonski M, Ciotola F |
| 10:00 - 10:15 | Coffee break |
| 10:15 - 12:30 | Animal Breeding and Genetics (Chairmen: Z. Vesela, I. Curik) |

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| 10:15 - 10:30 | Identification of selection signatures in Croatian Arabian horse Raguz N, Lukic B, Korabi N, Drzaic I, Vostry L, Kasarda R, Moravcikova N, Curik I, Cubric-Curik V |
| 10:30 - 10:45 | Management of breeding bulls of Busha cattle in Croatia – a bull:cow ratio trends Menčik S, Piplica A, Ostović M, Ekert Kabalin A, Sušić V, Vlahek I, Čačić M, Ivanković A |
| 10:45 - 11:00 | Model selection and estimation of genetic parameters for loin and backfat depth in Czech pig breeding program Calta J, Žáková E, Čítek J, Machová K, Tichý L, Vostrý L |
| 11:00 - 11:15 | Morphometric characterization of local goat breeds in two agro-ecological areas of Burkina Faso, West Africa Badjibassa A, Ouédraogo D, Soudré A, Burger A P, Rosen B D, Van Tassell C, Sölkner J |
| 11:15 - 11:30 | Phylogenetic background of the reconstruction stock of Szekler horse breed Gáspárdy A, Wágenhoffer Zs, Fűrlinger D, Bodó I, Maróti-Agóts Á |
| 11:30 - 11:45 | Genetic parameter estimations of fertility traits in Nero di Parma breed Asti V, Sabbioni A, Delmonte F, Mariani E, Ablondi M |
| 11:45 - 12:00 | Milk yield and quality at cow udder quarter level as influenced by quarter position, pathogen and somatic cell score Visentin E, Niero G, Bobbo T, Visentin G, Cassandro M, De Marchi M, Penasa M |
| 12:00 - 12:15 | Genetic parameters for live animal ultrasound measures in Czech Aberdeen Angus Vesela Z, Birovas A, Brzakova M, Novotna A, Vostry L |
| 12:15 - 12:30 | Polymorphism of the tlr2 gene and its relation to clinical mastitis in Czech Fleckvieh population Tichý L, Kyselová J, Sztankóová Z, Calta J, Machová K, Vostrý L |
| 12:30 - 13:30 | Committee meeting |