

	Wednesday, 26. 4. 2023			Thursday, 27.4.2023			Friday, 28. 4. 2023		
Morning 9:00 - 12:00	Registration 9:00 - 12:00			Plenary session: J. Soelkner/ Z. Kowalski / J. McEwan			Session 10: Genetics Free communications	Session 9: Animal welfare, health, and reproduction	Session 11: Livestock Farming Systems Free communications
							Coffee Break 10:00 - 10:30		
				Plenary session: M. Pzcola/ I. Curik/ J. Vašiček			Session 10: Genetics Free communications	Session 9: Animal welfare, health, and reproduction	Session 11: Livestock Farming Systems Free communications
Lunch 12:00 - 13:00			EAAAP Regional Meeting - Management Board						
Afternoon 13:30 - 17:00	Session 1: Utilisation of genomics in animal breeding and livestock diversity – differences in the West – East applications	Session 2: Alternative sources of ingredients and additives	Session 3: Economic versus environmental sustainability of livestock production in the CEE macroregion	Session 4: Management of local genetic resources	Session 5: Nutrition and health	Session 6: Healthier and more sustainable foods of the future	EAAAP Regional Meeting - Management Board		
	Coffee Break 14:30 - 15:00			Coffee Break 14:30 - 15:00					
	Session 1: Utilisation of genomics in animal breeding and livestock diversity – differences in the West – East applications	Session 2: Alternative sources of ingredients and additives	Session 3: Economic versus environmental sustainability of livestock production in the CEE macroregion Session 9: Animal welfare, health, and reproduction	Session 4: Management of local genetic resources	Session 7: Environmental aspects of animal nutrition	Session 6: Healthier and more sustainable foods of the future Session 8: Livestock Farming Systems Free communications			
Welcome drink 18:00 - 20.00			19:00 - 23:00 Slovak Evening						

Lecture Room A		Lecture Room Z	Lecture Room T		
Time	Genetics	Nutrition	LFS		
	Session 1: Utilisation of genomics in animal breeding and livestock diversity – differences in the West – East applications	Session 2: Alternative sources of ingredients and additives	Session 3: Economic versus environmental sustainability of livestock production in the CEE macroregion		
Chairmen	Horia Grosu - Jura Candrák	Karoly Dublec - Michal Rolínek	Andriy Getya - Dana Peškovičová		
13.00 - 13.15	M. Zorc: Single cell RNA sequencing of bovine milk somatic cells	13.00 - 13.30	I. Andrada Maria: A Review: Comprehensive Study Regarding the Mealworm Tenebrio Molitor Worldwide Utilization, Benefits and Recommendation	13.00 - 13.30	L. Cégledi: Needs of the dairy sector: an European overview
13.15 - 13.30	L. Zavadilová: Genetic evaluation for health traits of Holstein cows in the Czech Republic				
13.30 - 13.45	G. Mészáros: Admixture analysis in the Austrian Turpolje pig population	13.30 - 13.45	S. Hasan: Dietary supplementation of Stimbiotic improve the growth performance and beneficial gut microbiota population in post weaning piglets	13.30 - 14.00	P. Dovc: Mountain livestock production – much more than a sustainable agricultural niche
13.45 - 14.00	G. Dumas: Gain of muscle and feed-to-gain-of-muscle ratio measured by computed tomography in pig selection	13.45 - 14.00			
14.00 - 14.15	E. Krupa: Genomic selection of pigs in Czech Republic	14.00 - 14.15	N. Such: Feeding wheat bran can modify several gut parameters and the excreta composition of broiler chickens	14.00 - 14.15	O. Pastierik: Preliminary analysis of beef production systems in central and northern regions of Slovakia
14.15 - 14.30	H. Grosu: Osborne-Hazel Index to increase the accuracy of selection	14.15 - 14.30	F. Vizarrri: Reproductive indices in rabbit does after dietary supplementation with nutraceutical substances: Preliminary data.	14.15 - 14.30	M. A. Karatzia: EuroSheep: Cost benefit and Sustainability analysis of Health and Nutrition Best Practices
14.30 - 15.00		Coffee break			
15.00 - 15.30	D. Matakbayev: The Journey to a Sustainable Herd - Vytelle	15.00 - 15.15	V. Razmatii: Effects of local oil cakes supplementation on yolk and albumen colour and nutritional value of yolk lipids in Estonian quail eggs	15.00 - 15.15	J. Makulka: Agro-ecological practices in a dairy herd simulated digitally in a serious game SEGAE
		15.15 - 15.30	D. M. Grigore: Broiler chick's carcass yield and meat quality when supplemented with yeasts bioproducts	15.15 - 15.30	K. Potočník: FaoStat facts about horse gray market in EU countries
15.30 - 15.45	A. Halvoník: Genomic diversity in selected farms of Holstein cattle in Slovakia	15.30 - 15.45		15.30 - 16.00	Session 9: Animal welfare, health, and reproduction
15.45 - 16.00	J. Bauer: Genomic Evaluation for Holstein Cattle in Czech Republic	15.45 - 16.00	P. Lenártová: Alternative proteins: new trends in nutrition	Chairmen: Emil Krupa - Ludmila Zavadilová J. Pokorádi: Qualitative indicators of sperm evaluation of meat breeds of cattle in Slovakia - ARC Slovakia	
16.00 - 16.15	Z. Veselá: The impact of single-step genomic evaluation on breeding values for live animal ultrasound measures in Aberdeen Angus	16.00 - 16.15	S. Drotárová: Insect meal. An effective alternative source of nutrients in animal nutrition?	16.00 - 16.15	J. Ducháček: Influence of metabolic status on ovum pick-up success rate and reproductive capability of cows
16.15 - 16.30	M. Brzáková: Genomic evaluation for fertility traits of limousine cattle in the Czech Republic	16.15 - 16.30	D. Petrič: Alterations in the rumen microbial communities and fermentation patterns of lambs fed diets supplemented with organic zinc	16.15 - 16.30	J. Consolación: Influence of post-mortem time intervals on the quality of spermatozoa recovered from the epididymis of common eland bulls (Taurotagus oryx)
16.30 - 16.45	N. Glivović: Application of genomic tools in the characterisation of the Vlačko-Vitoroga strain of Pramenka sheep in the Republic of Serbia	16.30 - 16.45	J. Helembai: Modern trends in Dairy cattle Nutrition - Vitafort	16.30 - 16.45	M. Štolcová: Milk traits as indicators of energy status in early lactation dairy cows from two farms
16.45 - 17.00	D. Fulínová: Evaluation of longevity by weighted analysis	16.45 - 17.00	Final remarks/ Poster Discussion	16.45 - 17.00	Final remarks/ Poster Discussion
Posters					
J. Candrák	Evaluating alternate model to estimate genetic parameters and breeding values for the calving ease in the Slovak Holstein population.	I. Taranu: Investigating the potential of mustard seed as an alternative source of bioactive compounds in feed for piglets			J. Syrůček: Evaluation of economic indicators on Czech dairy farms in recent years
G. Dumas	Genetic effect on the prediction of muscle content of purebred pig carcasses	S. Zjalíć: Separation of soybean fractions in floor warehouses and their influence on the soybean oil and meal quality			
J. Vařeka	Lactation curves in monitoring cows' resilience				
G. Dumas	Halothane and sex effect on the prediction of lean meat content of crossbred pig carcasses				
M. Šaran	Recessive fertility haplotypes in Serbian Holstein-Friesian cattle				

Time		Plenary session			
Chairmen		Aula - Ceremonial Hall			
9.00 - 9.30		Z. Kowalski			
9.30 - 10.00		J. Soelkner			
10.00 - 10.30		J. McEwan			
Understanding of the transition period in dairy cows					
Use of infrared spectra of milk for genetic improvement of health traits in cattle					
Implementation of low cost genomic selection, phenotyping for methane emission and disease challenges using DNA sequencing technology					
10.00 - 10.30		Coffee break			
10.30 - 11.00		M. Pszczola			
11.00 - 11.30		I. Curik			
11.30 - 12.00		J. Vašíček			
Selecting to lower the environmental impact of livestock production					
Mitogenome information in cattle breeding and diversity management: an untapped treasure?					
Research on stem cells and their use in conservation of animal genetic resources					
Lecture Room A		Lecture Room Z		Lecture Room T	
Time	Genetics	Nutrition	LFS	Time	Genetics
Session 4: Management of local genetic resources		Session 5: Nutrition and health		Session 6: Healthier and more sustainable foods of the future	
Chairmen		Geert Bruggeman - Ondrej Hanušovský		Denis Kucevic - Adriana Kolesárová	
13.00 - 13.15	J. Tomka: Funding of animal genetic resources conservation in Slovakia	13.00 - 13.15	D. Brito De Araujo: Does the trace mineral source affect rumen function? A review.	13.00 - 13.30	O. Bobis: Nutritional value and bioactive properties of several honey types from Romania
13.15 - 13.30	K. Poklúkar: Genomic regions associated with phenotypic differentiation in European local pig breeds	13.15 - 13.30	S. Baldovská: The possible impact of punicalagin on ovarian steroidogenesis in animal and human models		
13.30 - 13.45	L. Paura: Inbreeding evaluation in Latvian local breeds	13.30 - 13.45	D. Brito De Araujo: Beyond the rumen. Improving gut integrity and health by ensuring trace mineral source quality and	13.30 - 14.00	M. Škrlep: Production, carcass, meat quality and biochemical traits in Krškopolje pig compared to modern lean crossbreed reared under same conditions
13.45 - 14.00	E. Sosin: Recent activities for ex situ conservation of AnGR in Poland	13.45 - 14.00	O. Hanušovský: The individual differences in dairy cows ruminal pH during the lactation		
14.00 - 14.15	D. Dimov: Consequences and negatives in the management of local sheep breeds with risk status - threatened with extinction	14.00 - 14.15	A. Kolesárová: The assessment of amygdalin modulatory effects in different animal models	14.00 - 14.15	M. Gondková: Effect of essential oils on the pH in minced pork meat
14.15 - 14.30	N. Moravčíková: Genomic connectedness between local populations of Valachian sheep	14.15 - 14.30	K. Poklúkar: The effect of low protein diet on adipose tissue transcriptome in Krškopolje pig breed	14.15 - 14.30	M. A. Karatzia: Isolation and characterization of lactic acid bacteria from raw goat milk and farm environment: Assessment of physiological and technological features.
14.30 - 15.00		Coffee break		15.00 - 15.30	
15.00 - 15.15	L. Vostrý: Population structure and genomic characterisation of Czech and Slovak local goat breeds	15.00 - 15.15	Session 7: Environmental aspects of animal nutrition Chairmen: Adam Cieslak - Branislav Gálík M. Kozłowska: Effects of apple pomace in the high-forage diet for dairy cows on ruminal fermentation and methane production in rumen and milk	15.00 - 15.30	Session 8: Livestock Farming Systems Free communications Chairmen: Vesna Gantner - Vladimír Tančin V. Bogdanović: Heat stress at dairy farm level: variability, intensity and frequency of occurrence
15.15 - 15.30	I. Držaić: Genomic assessment of population structure, admixture and conservation status of two Croatian goat breeds	15.15 - 15.30	A. Cieslak: Effect of the essential oil blend Rumitech in a high-forage diet on methane production and performance of dairy cows	15.30 - 15.45	V. Tančin: Prevalence of udder pathogens isolated in cow milk in Slovakia during the year 2021
15.30 - 15.45	T. Ferme: Estimation of genetic parameters in three horse populations using pedigree and molecular analysis	15.30 - 15.45	B. Nowak: Impact of the long-cut chaff technology on milk yield and methane emission in dairy cows	15.45 - 16.00	J. Munro: EuroSheep: co-construction approaches to understand main needs of sheep farmers and define innovative solutions to improve the sector's profitability
15.45 - 16.15	M. Tylér: History and present of poultry genetic resources in the Czech Republic	15.45 - 16.00	A. Szejner: Effect of inoculated grass silage on rumen fermentation and methane emission in dairy cows	16.00 - 16.15	L. Pinto de Andrade: Breeding Soundness Examination – as a tool to improve reproductive efficiency and farm yield in extensive systems.
16.15 - 16.45	J. R. Tait: Advances of genomic data in animal breeding - NEOGEN	16.00 - 16.15	M. Skorupka: Greenhouse gases emission from livestock production and its impact on climate change – discussion of the farmers' awareness survey	16.15 - 16.30	V. Gantner: The development of farm robot in pig breeding
		16.15 - 16.30	Z. Palkovičová: Determination of greenhouse gas emissions from pig farming in Slovakia during 2021	16.30 - 16.45	M. Fik: Effect of cage change on the induction of receptivity of female rabbits under conditions of different photoperiodic regimes
16.45 - 17.00	T. Urban: Genotyping of microsatellite markers for the verification of variability in honeybee populations in the Czech Republic	16.30 - 16.45	K. Mikulová: Ruminant microbiome and fermentation associated with the gastrointestinal nematode Haemonchus contortus	16.45 - 17.00	Z. Palkovičová: Seasonal differences in ammonia concentrations and emissions in pig farming
		16.45 - 17.00	A. Navrátilová: Aronia melanocarpa mitigate acrylamide induced injury of eukaryotic cell		
Posters					
S. Socha: Analysis of factors influencing the quality and quantity parameters of milk depending on the cow housing system in selected holdings		Session 5:	V. C. Bulgaru: The effects of mycotoxin alternariol on cell growth, division and cell cycle in porcine peripheral blood morphonuclear cells		
J. Krawczyk: Biodiversity of livestock in Poland		Session 7:	D. Ruska: The impact of crude protein content in diet of dairy cows to estimate GHG emissions.		
M. Mészárosová: Mitochondrial haplotype diversity in Slovak autochthonous sheep breeds					
J. Candrák: Impact of genomic information on the genetic evaluation of show-jumping performance of horses in the Slovak Republic					
A. Račkauskaitė: Population status of Trakehner horses in Lithuania					
S. Socha: Analysis of health and welfare of horses kept in tie stalls and box stalls with paddock					
D. Vacek: Age of mares at first foaling bred in the Czech Republic					
M. Gregić: Possible benefits of mare's milk production in Croatia					
R. Kasarda: Autozygosity islands in the genome of the Slovak wild boar population					

Lecture Room A		Lecture Room Z		Lecture Room T	
Time	LFS	Time	Genetics	Time	LFS
Session 9: Animal welfare, health, and reproduction		Session 10: Genetics Free communications		Session 11: Livestock Farming Systems Free communications	
Chairmen	Emil Krupa - Ludmila Zavadilová		Klemen Potocnik - Luboš Vostrý		Vesna Gantner - Vladimír Tančin
9.00 - 9.30	A. Getya: The attitudes of consumers and farmers in Ukraine toward animal welfare.	9.00 - 9.15	G. Mészáros: Genomic inbreeding and heterozygosity in Austria dog populations	9.00 - 9.15	C. Pasca: Technological aspects, bee pathologies and bee products in UASVM Cluj-Napoca apiary during 2014-2023
		9.15 - 9.30	I. Nagy: Genetic parameter estimations for antler traits in a captive red deer (<i>Cervus elaphus hippelaphus</i>) population	9.15 - 9.30	P. Mijić: Farmer experience in transfer from conventional to robotic milking in Croatia
9.30 - 9.45	Z. Krupová: Administration of medicines and performance of sows based on farm data	9.30 - 9.45	S. Tavaniello: Carcass and meat quality traits of Siciliana chickens, a native Italian breed	9.30 - 9.45	T. Bobić: Teat Condition and Milkability Traits of the Primiparous Cows in Automatic Milking System
9.45 - 10.00	D. Karolyi: The influence of genotype and sex on the fatty acid composition of the intramuscular fat of pigs fed linseed	9.45 - 10.00	A. Ecker: Examination of the integration efficiency of guinea fowl embryonic gonad-derived cell suspension into the recipient embryonic gonad	9.45 - 10.00	E. Kašná: Variability of daily milk yield in Holstein cows
10.00 - 10.30		Coffee break			
10.30 - 10.45	F. Benko: Fatty acid content of cryopreserved and fresh bovine spermatozoa: A comparative study.	10.30 - 10.45	I. Trapina: Polymorphisms in CAST genes and their association with feed conversion ratio in Latvian Dark-Head sheep	10.30 - 10.45	C. Hrnčár: Effects of housing system (enriched cages vs free range) on external and internal quality of table eggs
10.45 - 11.00	E. Tvrďá: Dose- and time-dependent in vitro impact of naringenin on the vitality of bovine spermatozoa	10.45 - 11.00	J. Gašper: Detection of the 11 bp Insertion Associated with Milk and Reproduction Traits within Slovak Population of White Shorthair Goat	10.45 - 11.00	J. Strašifák: Effect of four types of bedding material on live weight and footpad dermatitis score in broiler chickens
11.15 - 11.30	M. Chalupková: Effect of diseases on the culling of dairy cows: a case study in Holstein nucleus herd.	11.15 - 11.30	T. Nguyen A: Ancestral inbreeding and inbreeding-purging models' comparative analysis based on their classification efficiency of the Pannon white rabbit kits' survival at birth	11.15 - 11.30	L. D. Brassó: Survival of ostrich embryos and chicks until the age of 48 weeks
11.30 - 11.45	M. Gašparík: Challenges of applying selective dry cow treatment on Czech dairy farms	11.30 - 11.45	N. Tokodyné: Investigation of the effect of heat treatment on epigenetic modification in chicken primordial germ cells	11.30 - 11.45	K. Tvarožková: The frequency of distribution somatic cell count in goat's milk before dry period
11.45 - 12.00	Final remarks/ Poster Discussion	11.45 - 12.00	Final remarks/ Poster Discussion	11.45 - 12.00	Final remarks/ Poster Discussion
Posters					
	B. Gancárová: Prevalence of udder pathogens isolated in raw goat milk at late lactation stage		S. Socha: Analysis of chinchilla (<i>Chinchilla lanigera</i>) reproduction results on a breeding farm		
	L. T. Ciszter: Some factors influencing the welfare of dairy cows at the individual level		S. Socha: Analysis of factors affecting the quality and length of life of dogs		
	J. Bujko: Associations between somatic cell counts (SCC), selected milk production traits and milk production conditions in Slovak Spotted dairy cows		J. Kyselová: Interaction of the ovine host genome with <i>Corynebacterium pseudotuberculosis</i> infection		
	T. Hegerová: Observation of changes in heart rate and rectal body temperature of calves during the first hour after birth.		J. Osypiuk: Mutation within the PKLR gene in a domestic cat – molecular test project		
	J. Kaluska: Neuronal ceroid lipofuscinosis in a domestic dog on the example of the Golden Retriever breed		G. Damentka: Searching for the DNM1 gene mutation responsible for Exercise Induced Collapse in a domestic dog (<i>Canis lupus familiaris</i>) on the example of the Belgian Shepherd Dog breed		
	M. Wu: Protein profiles in the transfected hen (<i>Gallus gallus domesticus</i>) oviductal secreting cells				
	I. Knížková: Barn climatic effects on milk production and milking frequency in automatic milking system				
	E. Strapáková: Analysis of the calving ease and stillbirth traits in the Slovak Holstein cows				
	P. Kunc: Relationship between rectal temperature, eye temperature and air temperature				