

Programme of the Horse Commission for EAAP 2009
(single + joint sessions programme)

S.12 Indicators and analysis of risk factors in livestock welfare (N. Bareille) Monday August 24 th <i>Joint session</i> <i>H – M – C- P - S</i>	18	10	8
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Theatre: 10

- 1. On-farm welfare assessment in cattle and risk factors for selected welfare problems – the Welfare Quality® approach - Winckler, C.
- 2. Risk based indicators used for assessing animal welfare in livestock herds - Nielsen, T.R.
- 3. Potential of routinely collected farm data to monitor dairy cattle welfare - De Vries, M.
- 4. Development of a welfare assessment system on farm and at the slaughterhouse in pigs (welfare quality® project) - Temple, D.
- 5. The welfare of sheep under extensive management systems - Goddard, P.
- 6. Risk factors related with health and behaviour traits in welfare of horses - Distl, O.
- 7. Herd- and sow level risk factors for shoulder ulcers in lactating sows - Bonde, M.
- 8. The Identification of Farm Characteristics, and Welfare Associated Management Practices, as Potential Risk Factors for the Presence of Pathologies and Salmonella in Slaughtered Finishing Pigs. - Sanchez-Vazquez, M.
- 9. Optimising use of labour at lambing time for more profit and higher welfare in extensive sheep farming systems. - Kirwan, S.
- 10. Farmers talking about animal welfare - Karkinen, K.T.

Poster: 8

- 1. Welfare evaluation system in goats bred under extensive conditions - Dpto. Produc. Animal, R.O.D.E.R.O.,E.
- 2. Pre-slaughter conditions, genetic-stress susceptibility, meat quality, and animal welfare in pigs: results from a Spanish survey - Guàrdia, M.D.
- 3. Risk factors for sow and piglet welfare indicators in an on-farm monitoring system - Scott, K.
- 4. Impact of heat stress on production, energy efficiency and fertility of Holstein cows in pasture based systems in North West Germany - König, S.
- 5. Microclimatic indexes to compare different dairy cows housing systems in different climatic conditions - Menesatti, P

- 6. Variation of milk yield in relation to temperature humidity index in different dairy cow housing systems: a preliminary Time-lagged approach - Aguzzi, J.
- 7. How ruminants adapt their feeding behaviour to diets with high-risk for acidosis - Mialon, M.M.
- 8. Investigating Components of Risk Management in Industrial Dairy Cattle Farms (Case Study: Iran, Uromieh and Khoy Counties) - Jalalzadeh, M.

S.19 Horse genetics with special emphasis on defects and longevity (S. Janssens) Tuesday August 25 th <i>(Interstallion, H, G)</i>	33	14	19
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Theatre: 14

- 1. Genomic Tools for Horse Health - Brooks, S.A.
- 2. Inherited disorders and their management in some European warmblood sport horse breeds - Nikolić, D
- 3. Heritability of insect bite hypersensitivity in Dutch Friesian breeding mares - Schurink, A
- 4. Animal hospital data for studies of prevalence and heritability of osteochondrosis (OC) and palmar/plantar osseous fragments (POF) of Swedish Warmblood horses (SWB) - Jönsson, L
- 5. Simulating experimental designs to compare and select methods based on linkage disequilibrium and linkage analysis for studying osteochondrosis in horses. - Teyssède, S
- 6. Use of competition results for genetic evaluation of longevity in Swedish warmblood horses - Braam, Å.B.;Å
- 7. Ranking in competition : an efficient tool to measure aptitude ? - Ricard, A.
- 8. A Thurstonian model for the analysis of ranks in the genetic evaluation of horses - Gómez, M.D.
- 9. An all-or-none trait to account for pre-selection in Icelandic horse breeding - Albertsdóttir, E.
- 10. Splitting breeding goals and breeding programs: The example of Oldenburg - Schöpke, K
- 11. Heritabilities of kinematic traits measured with a 3D computerised motion analysis system in Lusitano horses at hand led trot - Santos, R.
- 12. Effects of racing on reproductive performance in Standardbred trotters and Finnhorses - Sairanen, J.
- 13. Molecular characterization of Italian Heavy Draught Horse (IHDH) breed using mitochondrial DNA and microsatellite markers - Maretto, F.
- 14. Opportunities and limits for the use of Equine SNP50 Bead chips - Langlois, B.

Poster: 20

- 1. Breeding values for longevity in jumping horse competition in France - Ricard, A.
- 2. Repeatability of free jumping parameters on young stallions performance tests of different duration - Lewczuk, D.
- 3. Estimating genetic parameters for dressage performance in Belgian sport horses based on results from multiple competition levels. - Peeters, K.
- 4. Genetic parameters of some linear conformation measurements assessed with a three-dimensional motion analysis system in Lusitano horses - Valera, M.
- 5. Genetic analysis of morphological traits in two French draft horses : Ardennais and Cob Normand and in Haflinger breed - Danvy, S.
- 6. Early selection of Spanish Trotter Horses: Genetic correlations between race performance in young and adult horses - Gomez, M.D.
- 7. Development of a scheme for the estimation of breeding values based on foal inspections, mare inspections, and performance tests of mares - Schöpke, K.
- 8. Pedigree analysis of the lusitano horse breed - Vicente, A.
- 9. Inbreeding trend in a closed nucleus of Lipizzan horses - Catillo, G.
- 10. Analysis of the degree of inbreeding in Holstein stallions - Pikuła, R.J.
- 11. Influence of the foreign Trotter populations in the Spanish Trotter Horse assessed via pedigree analysis - Gómez, M.D.
- 12. Genetic parameters and inbreeding effects on semen quality of Friesian horses - Ducro, B.J.
- 13. Effect of strenuous exercise on gene-expression in endurance horse PBMCs - Capomaccio, S.
- 14. Effect of adjustment of coancestries by pedigree depth on contributions to diversity assessed using genealogical information: a preliminary application to pure and derived Spanish horse breeds - Cervantes, I.
- 15. Genetic variability of Mezőhegyes horse breeds using genealogical and molecular information - Mihók, S.
- 16. Genetic variability of Hutzul horse breed families - Mihók, S
- 17. Measure of association between assessed traits and final rank for a sport horses performance evaluation system within the UK. - Whitaker, T.C.
- 18. Variation of linear described type traits in Czech-Moravian Belgian horse and Silesian Noriker - Majzlik, I
- 19. Occurrence and origin of flea-bitten pattern in grey Purebred Arabian Horses - Stachurska, A.

S.23 Animal transportation (welfare, handling, risk assessment, economics) (G. Giovagnoli) Tuesday August 25 th <i>Joint session</i> <i>M – H</i>	13	9	4
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Theatre: 9

- 1. A review of scientific literature on transportation of the horses - Marlin, D.
- 2. Heart Rate Variability as a Quantitative Index of Stress During Transport in Horses - James H. Jones
- 3. Effect of transport time up to 8 hours on physiological and biochemical stress indicators and resulting carcass and meat quality in cattle – an integrated approach - Von Holleben, K.
- 4. Long duration cattle transport: impact of 3 different stocking densities on physiological, behavioural and zootechnical indicators. - Mounaix, B.
- 5. Study on temperatures during animal transport - Natale, F.
- 6. Thermal stress in livestock during transportation: Continuous recording of deep body temperature - Mitchell, M.A.
- 7. Effects of the thermal micro-environment on breeder pigs on 72 hour export journeys under summer conditions - Mitchell, M.A.
- 8. Health and Welfare of Horses Transported for Slaughter within the European Union - Marlin, D.
- 9. Animal transport navigation system an events recording automation - Fiore, G.

Poster: 4

- 1. Effects of transportation on the physiopathological response of light lambs raised under pasture or concentrate feeding systems - Álvarez-Rodríguez, J.
- 2. Effects of loading methods on welfare of rabbits transported to the slaughterhouse - Giammarco, M.
- 3. Effect of different moving devices at loading on heart rate and blood lactate in pigs - Correa, J.A.
- 4. Animal welfare risk assessment during transport of pigs - Fuentes, M.C.

S.29 Reproduction technologies in horses (E. Palmer) Wednesday 26 th August	13	7	6
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Theatre: 7

- 1. A brief history of equine breeding technologies - Allen, W.R.
- 2. The Past, Present, and the Future of the Breeding Stallion: the Forces of Darkness and the Gathering of Light – Varner, D.
- 3. A new freezing extender for stallion semen to get high fertility rates - Pillet, E.
- 4. Functional characterization of equine sperm: a molecular evaluation of stallion fertility - Gamboa, S.
- 5. The multiple challenge of horse cloning: production, health, social acceptation, law, genetic application. - Palmer, E.
- 6. Optimal reproductive policies for Italian Heavy Draught Horse - Mantovani, R.
- 7. Transgene-induced reprogramming of equine somatic cells - Diaz, C.

Poster: 6

- 1. Assessment of the post-thaw measurable parameters of equine spermatozoa taken for a comparison between amides and glycerol as cryoprotectants - Mills, A.A.
- 2. Seasonal semen freezeability from Lusitano stallions using flow-citometry - Agrícola, R.
- 3. Proteomic analysis of mare follicular fluid - Nadaf, S.
- 4. Is subfertility or infertility related to chromosome abnormalities in the Sorraia horse? Preliminary results. - Kjöllérström, H.J.
- 5. Broodmare demographics: A study of a United Kingdom sport horses stud during a stud season - Whitaker, T.C.
- 6. Viability of epididymal fresh and freezing sperm stored at 0, 24, 48, 72 and 96h after stallion death - Matás, C.

S.39 Horse Production Free Communications (Management and Nutrition) (M. Fradinho) Wednesday 26 th August	24	12	12
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Theatre: 12

- 1. Organisation and promotion plan of equine sector in Spain - Castellanos Moncho, M.
- 2. Horse biodiversity and their contribution to rural development in Spain - Azor, P.J.
- 3. Morphological characterization of traditional Maremmano horse - Tocci, R.
- 4. Morphological body measurements, body condition score and ultrasound measurements of Portuguese Garrano horse breed - Santos, A.S.
- 5. Using real-time ultrasound measurements to monitor small variations in body condition of horses - Santos, A.S.
- 6. Kinematic differences between untrained, dressage and traditional bullfighting Lusitano horses - Santos, R.
- 7. Comparison of different weaning systems in horses - Münch, C.
- 8. Foraging behaviour by horses facing a trade-off between intake rate and diet quality - Edouard, N.
- 9. Toxicity of Adonis Aestivalis (summer pheasant's eye) in horses - Gagliardi, D.
- 10. Fatty acids composition in plasma triglycerides, in plasma non esterified fatty acids and in red cells membranes as influenced by linseed or sunflower oils in horses compound feedstuffs. - Robaye, V.
- 11. Altered welfare is linked with aggressiveness in horses - Fureix, C.
- 12. The importance of the setting in Therapeutic Riding with autistic patients - Cerino, S.

Poster: 12

- 1. Therapeutic and Paralympic Riding in Italian Equestrian Federation - Cerino, S.
- 2. Management of therapeutic riding horses and animal welfare - Li Destri Nicosia, D.
- 3. Donkey emotional expression. Preliminary study about empathy giving origin to emotional relationship with able and disabled children. - Tralli, M.
- 4. Ass's milk yield and composition during lactation - Salimei, E.
- 5. Nitrogen distribution in ass's milk during lactation - Fantuz, F.
- 6. The effects of selenium source on distribution of selenium within the milk of lactating mares - Juniper, D.

- 7. Relationship between conformation and gait characteristics in Spanish Purebred Horses Gomez, MD
- 8. Correlations between conformation of proximal limbs and biokinematics of trot in Lusitano horses - Santos, R
- 9. Characterization of body condition changes in Lusitano broodmares fed pasture based diets - Fradinho, M.J.
- 10. Onset of puberty in Lusitano fillies - Fernandes, R.
- 11. The difference between sexes in population of Old Kladruby horse - Andrejsová, L
- 12. Horse Kinský – Current situation and future - Hofmanová, B.

Other papers on horses submitted in other sessions:

S.01

Theatre

- Effect of adjustment of coancestries by pedigree depth on contributions to diversity assessed using genealogical information: a preliminary application to pure and derived Spanish horse breeds - Cervantes, I.
- A Thurstonian model for the analysis of ranks in the genetic evaluation of horses - Gómez, M.D.

S.01

Poster

- Relationship between conformation and gait characteristics in Spanish Purebred Horses - Gómez, M.D.
- Influence of coat color trends on genetic variability of the Spanish Purebred Horse population - Bartolomé, E.
- Morphofunctional characterisation in the Menorca Horse using geometric morphometrics methods - Cervantes, I.
- Lithuanian horse breeds and principles of their conservation - Sveistiene, R.
- Early selection of Spanish Trotter Horses: Genetic correlations between race performance in young and adult horses - Gomez, M.D.
- Analysis of inbreeding in the Swedish Gotland pony using pedigree information and microsatellite markers - Eriksson, S.