

Wednesday, May 20th afternoon (2 parallel sessions)

Session 1 - Animal Genetic Resources: Local and Transboundary Breeds in the Mediterranean: Diversity Aspects for Sustainable Livestock Farming

Session start at: 20/05/2026 14:30

- 14:30 - V. Floridia - Integrating phenotypic and genomic data to describe a Sicilian local cattle ecotype adapted to Mediterranean environments
- 14:45 - M. Milanese - Evaluating landscape omics results in local sheep breeds from Mediterranean North African area
- 15:00 - Z. Ducheve - The Rhodope Shorthorn cattle - an example of revival of an ancient breed
- 15:15 - D. Bojkovski - Transboundary Cooperation in the Conservation of the Bosnian Mountain Horse: The Slovenian Case Study
- 15:30 - M. Schoon - Developing guidelines for transboundary breeding programmes to preserve endangered breeds in the European Union
- 15:45 - D. Tsiokos - Management of Transboundary breeds: The case of Sarakatsaniko sheep breed
- 16:00 - Coffee Break
- 16:30 - C. Pineda-Quiroga - The ARDI2 project: Cooperation toward a cross-country breeding scheme involving French and Spanish dairy sheep breeds
- 16:45 - I. Granado-Tajada - MANECH AND LATXA DAIRY SHEEP POPULATIONS: ARE THEY BECOMING CLOSER ON A CHROMOSOME-BY-CHROMOSOME BASIS?
- 17:00 - T. Flisar - Digital tools for monitoring and conservation of animal genetic resources: A national good practice example
- 17:15 - J. Fernández Martín - R_P_M: A software to reconstruct pedigrees from molecular markers
- 17:30 - P. E. Milia - Comparing Stepwise Discriminant Analyses results across heterogeneous bovine datasets
- 17:45 - G. Bramante - Supporting genetic management in European dromedary farming using genomic tools
- 18:00 - J. I. Salgado Pardo - Tracing worldwide turkey expansion through biometrics: from Central America to the Mediterranean

Session ends at: 20/05/2026 18:15

Session 2 - Smart farming and Digitalisation in Mediterranean Environments: Data, Technology and Innovation

Session start at: 20/05/2026 14:30

- 14:30 - M. Odintsov Vaintrub - A Multi-Stakeholder Approach Using Human-Centric Design for PLF Implementation in Mediterranean Upland Pastures
- 14:45 - N. Hlel - Computer vision-based monitoring of pig behaviour in Mediterranean farms during hot periods
- 15:00 - H. CHALOUATI - Digital approach for sheep reproductive management: electronic monitoring of sexual activity to improve the male effect as an alternative to hormonal treatments
- 15:15 - M. L. Calabri - European Network on Livestock Phenomics (EU-LI-PHE): boosting high-throughput phenotyping for precision livestock farming and animal breeding
- 15:30 - F. Estellés - Monitoring of dairy goat behaviour: experiences on tri-axial accelerometers and computer vision approaches
- 15:45 - M. Karatzia - Integrated UAV and IoT Ecosystem for Livestock Monitoring: The SPADE Livestock Pilot Case Study
- 16:00 - Coffee Break
- 16:30 - A. Fatica - Monitoring grazing horses in a Mediterranean inner area by GPS collars
- 16:45 - B. Darabighane - Meta-analysis of validation evidence for wearable sensors compared with visual observation of feeding behaviors in dairy cattle
- 17:00 - P. Gonçalves - Video annotation system for lambing detection.
- 17:15 - G. Bernabucci - First application of virtual fencing in an intensive rotational grazing system in Central Italy: cattle responses during training and early transitions
- 17:30 - J. Kaler - Early detection of disease and monitoring of welfare status using precision technologies in calves
- 17:45 - G. Sara - Application of Augmented reality technologies for precision livestock management

Session ends at: 20/05/2026 18:00

Thursday, May 21st morning

Plenary Session + Poster Session

Session start at: 21/05/2026 09:00

- 09:00 - G. Pulina - From sensing to understanding: artificial intelligence and the future of pig welfare assessment
- 09:30 - D. Gianola - Artificial Intelligence in Animal Science: a perspective
- 10:00 - Coffee Break
- 10:30 - E. Tsiplakou - Beyond nutrients: microalgae and yeast as functional tools in sustainable small ruminant production
- 11:00 - M. Nozières-Petit - Pastoralism and agro-pastoralism in tension: a year (and furthermore?) to empower the strengths of these livestock farming systems, the opportunities addressed to them and minimize their weakness and the threats they face, toward sustainability
- 11:30 - Poster session
- 12:30 - Lunch

Thursday, May 21st afternoon (3 parallel sessions)

Session 3 - Breeding for resilience by improving mitigation, adaptation, and disease resistance traits

Session start at: 21/05/2026 14:00

- 14:00 - A. Cesarani - Simple genomic analysis of environmental adaptation
- 14:15 - G. Conte - Identification of genetic variants associated with milk production, milk composition and methane emission traits in dairy sheep
- 14:30 - C. Pineda-Quiroga - Heat stress sensitivity across lactations: The case of two Spanish dairy sheep breeds
- 14:45 - M. Špehar - Establishing a unified framework for conformation traits in dairy sheep: identification of core indicators for genetic evaluation
- 15:00 - A. Kasap - Genome-wide linkage disequilibrium in Pag sheep
- 15:15 - M. J. Carabaño - Using daily data from automated milking systems provides larger estimates of heat stress effects than data from traditional monthly milk recording
- 15:30 - M. G. Serra - Toward an objective typology of Sardinian dairy-sheep farms: a reproducible multivariate pipeline with clustering model selection
- 15:45 - Coffee Break
- 16:15 - J. V. Delgado Bermejo - The influence of breeding values obtained through morphofunctional assessment on lifetime production and productive longevity in Murciano-Granadina goats
- 16:30 - E. Capra - Sperm and blood epigenetic diversity in local and cosmopolitan Italian cattle breeds
- 16:45 - A. Hager - Runs of homozygosity for the detection of putative selection signatures in the Lesvos dairy sheep breed

Session ends at: 21/05/2026 17:00

Session 4 - Animal health and welfare: Implications for livestock sector sustainability and farmer well-being

Session start at: 21/05/2026 14:00

- 14:00 - L. Zambianchi - Precision reproductive management as an alternative to synchronisation protocols in dairy farms
- 14:15 - M. Ramón - CHARACTERIZATION OF ENTERIC METHANE EMISSIONS IN AUTOCHTHONOUS SPANISH DAIRY SHEEP BREEDS
- 14:30 - I. Beltrán de Heredia - CAN MID-INFRARED (MIR) SPECTRAL DATA FROM MILK BE USED TO SELECT MORE FERTILE SHEEP PRIOR TO ARTIFICIAL INSEMINATION?
- 14:45 - M. Mezzetti - Effects of intramammary infections and dry-off treatment on circulating leukocytes populations of Alpine dairy goats around dry-off
- 15:00 - J. Para - Impact of low concentrations of DDT and HCB on survival and apoptosis of bovine mammary epithelial cells
- 15:15 - M. Mezzetti - Time trends and diagnostic markers reflecting the prevalence of intramammary infections at dry-off in Alpine dairy goats
- 15:30 - P. Seddaiu - RESTRICTED SOCIAL CONTACT DURING GESTATION AFFECTS REPRODUCTIVE PERFORMANCE OF SOWS
- 15:45 - Coffee Break
- 16:15 - D. Dimov - IMPACT OF CONTINUOUS INDOOR HOUSING ON WELFARE IN SHEEP AND GOATS: SCIENTIFIC BASIS FOR GRAZING REQUIREMENTS IN EU LEGISLATION
- 16:30 - P. Aranguren-Rivas - Metabolomic profiling of the heat stress response in Iberian piglets

Session ends at: 21/05/2026 16:45

Session 5 - Agropastoralism, environmental aspects and product quality in Mediterranean and less favoured areas

Session start at: 21/05/2026 14:00

- 14:00 - T. Glasser - Livestock grazing : A sustainable landscape designer
- 14:15 - M. F. Lunesu - How cultivation intensity shapes the net carbon footprint of Mediterranean cow-calf systems
- 14:30 - M. Finocchi - Tree carbon sequestration offsets emissions from hamburger production in agrosilvopastoral farming systems
- 14:45 - A. Ivanković - Innovative Gastronomic Valorization as a Driver of Long-Term Sustainability in Istrian Cattle
- 15:00 - M. Nozières-Petit - Does the extended quality negotiation of Corsican cured pork products help achieve functional integrity?
- 15:15 - S. Tavaniello - Meat quality of Maremmana young bulls reared under grass-fed and intensive systems
- 15:30 - L. Majdoub-Mathlouthi - Natural salt land pasture represents an interesting agroecological feeding alternative for sheep in saline regions
- 15:45 - Coffee Break
- 16:15 - M. Blanco - Grape stem inclusion in the diet of fattening young bulls increased α -tocopherol deposition in meat
- 16:30 - G. Carboni - From Indigenous Microbiota to Safe Starter Cultures: Safety Assessment of *Lactiplantibacillus plantarum* Isolated from Traditional Fermented Meat Products
- 16:45 - F. Correddu - Extruded linseed for improving milk quality and environmental sustainability in local Sardo-Bruna cows
- 17:00 - M. Farina - Effects of bulk milk quality on Pecorino Romano cheese yield
- 17:15 - P. Aad - Milk Fatty acid components in Baladi goats reared under various conditions*
- 17:30 - Z. JRAD - Artisanal fermented Tunisian goat's milk : physico-chemical, microbiological, organic acid composition and volatile compounds

Session ends at: 21/05/2026 17:45

Friday, May 22nd morning (2 parallel sessions)

Session 6 - Nutritional challenges, feed and forage resources for Mediterranean animal production

Session start at: 22/05/2026 09:00

- 09:00 - M. M. Soares - Unveiling the potential of enzymatically pre-treated, vacuum paddle-dehydrated tomato pomace as a sustainable food resource for dogs
- 09:15 - G. Bee - Replacing cereals with former food products shifts nitrogen excretion and lowers apparent total tract digestibility in growing-finishing Pigs
- 09:30 - G. Bee - Post-absorptive nitrogen utilisation in pigs drives lower ammonia potential with low-protein diets
- 09:45 - C. Forte - Carcass traits and meat quality of Piedmontese bulls fed with a dietary inclusion of hazelnut skins
- 10:00 - A. Vastolo - Agro-industrial by-products as sustainable feed ingredients: effects of pomegranate and hazelnut supplementation on dairy sheep milk quality
- 10:15 - A. Nudda - Effect of dietary winemaking by-product on milk fatty acid profile and methane emissions in Sarda dairy sheep
- 10:30 - F. Castangia - Effects of feeding time on milk production and composition in Sarda ewes
- 10:45 - G. Foggi - Ruminant fermentation of pasture-based diets from agroforestry and conventional systems: a Rusitec study
- 11:00 - Coffee Break
- 11:30 - E. Carboni - Comparison of enzymatic methods for estimating organic matter digestibility in forages
- 11:45 - R. Gannuscio - The role of rumen fluid adaptation: an in vitro comparison of diet-adapted and non-diet-adapted rumen fluid for continuous CO₂ and CH₄ monitoring with Gas Endeavour

Session ends at: 22/05/2026 12:00

Session 7 - Building resilience in Mediterranean Livestock farming systems

Session start at: 22/05/2026 09:00

- 09:00 - P. Aad - Breeding for Resilience-GWAS insights from Baladi goats for sustainable parasite control*
- 09:30 - J. V. Delgado Bermejo - Physiological traits shaped by family structure and altitude in Lojeña sheep: insights into genetic selection for climate resilience
- 09:45 - M. Djemali - Smart Family Livestock: Integrating AI and Structured Breeding to Enhance Resilience and Productivity of Mediterranean Native Breeds
- 10:00 - M. D. G. Azzena - Identifying "who and what" to mitigate: clustering-based carbon footprint profiles in European dairy sheep farms
- 10:15 - M. Omirou - Greenhouse gas emissions from ruminant manure stockpiles in arid regions: mitigation strategies and microbial drivers
- 10:30 - A. S. Atzori - From management practices to technical performance in Italian dairy cattle farms
- 10:45 - M. Muñoz - Maternal Heat Stress and Antioxidant Nutrition: Consequences for Early Gut Microbiome Maturation in Iberian Piglets
- 11:00 - Coffee Break

Session ends at: 22/05/2026 11:30