

Scientific Programme for EAAP Virtual Annual Meeting; 1st to 4th December 2020. (all times are in CET; i.e. GMT +1)

	Tuesday Dec 1st 10.00-12.30.	Tuesday Dec. 1st 13.45-17.30.	Wednesday Dec. 2 nd 9.00 – 12.45.	Wednesday Dec. 2 nd 13.45-17.30. Poster session I, 16.30-17.30.	Thursday Dec. 3 rd 9.00 – 12.45.	Thursday Dec. 3 rd 13.45-17.30. Poster session II, 16.30-17.30	Friday Dec. 4 th 9.00 – 11.45. Commission meetings. 11.45-12.45.	Friday Dec. 4 th 13.45-17.30.
1. Plenary session - responsibility of animal production on climate change		2. Joint EAAP/ADSA/Interbull session: Breeding and genetics – ten years of genomic selection. (G; I)	13. Governance of the genetic resources. (G; WG/C)	22. Can you have your cake and eat it too – tools to get the most out of animal resilience and efficiency. (G; P)	31. Recent advances in livestock physiology: cellular, organoid and whole-organism studies. (Ph; D) Physiology Commission meeting	41. Breeding programmes. (G; B)	52. Long-term selection and limits. (G; T) Genetics Commission meeting	63. Breeding, climate and sustainability. (G; T)
		3. Genetic diversity. (G;B)	14. Genetics free communications. (G; B)	23. Breeding for improved animal health and welfare; Part 1. (H+W/G; T)	32. Breeding for improved animal health and welfare; Part 2. (H+W/G; T)	42. New technological challenges (including nanotechnology) facing future feeding industry – how to value? (N; T)	53. Free communications – cattle. (C; B) Cattle Commission meeting	64. Genomic evaluation. (G; B)
		4. PLF for saving feed. (PLF; T)	15. Fitting PLF to species and animal size, possibilities for sheep, goats, poultry, horses, pigs and 'exotic' animals. (PLF; T)	24. Data-based PLF solutions for the cattle sector: opportunities, challenges and pitfalls. (PLF; T)	33. Opportunities and risks in animal management applying AI, big data, data science tools, API economy and digital agriculture. (PLF; T)	43. Impact of PLF and sensors on phenotyping, animal breeding, animal selection and animal genetics. (PLF; T)	54. PLF as a tailor-made way to care individuals within groups. (PLF; T) PLF Commission meeting	65. PLF and sensing animal health, welfare, physiological measures and behaviour of animals; Part 2. (PLF; T)
		5. Climate change impact on livestock health and welfare. (H+W; T)	16. 'Net zero-carbon' - how is it possible in livestock farming systems? (LFS; D)	25. Feed production facing climate change (new feeds, alternative fiber sources). (N; T)	34. Genetics poster session (G; posters)	44. Dairy4Future project. (C; P)	55. PLF and sensing animal health, welfare, physiological measures and behaviour of animals; Part 1. (PLF; T)	66. FreeWalk symposium on "Future of housing for dairy cattle"; Part 3. (C/ADSA; D)
		6. Energy and protein efficiency in pigs, from conception to slaughter. (P; T)	17. Early career competition: stressing innovation in pig production; Part 1. (P; EC)	26. Early career competition: stressing innovation in pig production; Part 2. (P; EC)	ONE-DAY SYMPOSIUM		56. Pig, poultry and rabbit husbandry for improved product quality. (P; B) Pig Commission meeting	67. Mineral and vitamin nutrition in pigs and poultry. (P; T)
		7. Responsiveness of the dairy cattle industry to social needs. (C; T)	18. Young Train: Innovative research and extension in cattle. (C; EC)	27. Integration of beef and dairy production. (C; T)	35. Modulating gut function and microbiome for resilient livestock production; Part 1. (P/H+W; T)	45. Modulating gut function and microbiome for resilient livestock production; Part 2. (P/H+W; T)	57. Lameness and metabolic aspects in cattle. (C; T)	68. Collaborative international research related to beef quality. (C; I)
		8. Physiological basis of PLF technologies to infer on animal health, welfare and production efficiency in cattle. (C; T)	19. SMART NUTRITION – the role of nutrition in the circular economy: improving the use of feed not competitive with human nutrition. (N; T)	28. Aquaculture WG session. (EAAP; WG)	ONE-DAY SYMPOSIUM		58. Neonatal nutrition/ early life programming. (N; T) Nutrition Commission meeting	69. EAAP/ADSA session: Dietary methyl donor supplementation in dairy ruminants. (N/ADSA; T)
		9. Insects as feed and health effects for livestock. (I; T)	20. Insect production: techniques, substrates and health issues. (I; T)	29. Understanding and combatting antimicrobials and anthelmintics resistance. (H+W; T)	36. FreeWalk symposium on "Future of housing for dairy cattle"; Part 1. (C/ADSA; D)	46. FreeWalk symposium on "Future of housing for dairy cattle"; Part 2. (C/ADSA; D)	59. Impact of different farming practices on animal health and welfare. (H+W; B) H+W Commission meeting	70. Applied animal behaviour. (H+W; B)
		10. Sustainable land use for healthy humans and a healthy planet. (LFS; T)	21. Omics in animal nutrition and physiology (The European Joint Doctorate Program Molecular Animal Nutrition "MANNA"). (Ph; P)	30. Genetic evaluations and breeding programs in horses and their development. (H; I)	37. Combining the diversity of resources and farming practices to ensure resilience at different scales; Part 1 (Management of resource diversity) . (LFS / MWG; T)	47. Combining the diversity of resources and farming practices to ensure resilience at different scales; Part 2 (Diversity of AnGR) . (LFS/ WG AnGR / MWG; T)	60. Horse registration, legal status of horses and its consequences. (H; C) Horse Commission meeting	71. Combating the increasingly negative consumer opinion on livestock's contribution to climate change. (C; T)
		11. Dairy sheep and goat systems: new research in genes, nutrition and management; part 1. (S+G; T)			38. Standardization of methods, parameters and terminology in insect research and socio-economic impact. (I; WG) Insect Commission meeting.	48. Insect genetics: opportunities and challenges. (I; T)	61. SMARTER: small ruminants breeding for efficiency and resilience. (S+G; P)	72. Resilient sheep and goats: breeding & management strategies to overcome disease and environmental challenges. (S+G; T)
		12. ATF Session. What livestock has to offer to biodiversity & healthy soils. (ATF; P)			39. New perspectives and approaches in equidae production; Part 1. (H; D)	49. New perspectives and approaches in equidae production; Part 2. (H; D)	62. Livestock Farming Systems free communications. (LFS; B) LFS Commission meeting	73. Innovative farm systems to meet societal demand. (LFS/EC; EC)
					40. Dairy sheep and goat systems: new research in genes, nutrition and management; Part 2. (S+G; T)	50. Sheep and Goats free communications. (S+G; B) S+G Commission meeting		
					51. Young Scientist Session: Jobs of the future. (EC; C)			

EXPLANATORY NOTES ON SESSIONS

Abbreviations after the title are (Organising Commission; Session Type)

Commissions are: Cattle (C), Genetics (G), Health and Welfare (H+W), Horse (H), Insect (I), Livestock Farming Systems (LFS), Nutrition (N), Pig (P), Physiology (Ph), Precision Livestock Farming (PLF), Sheep and Goat (S+G), Animal Task Force (ATF)

Session types are:

Theme Sessions (T) are on key topics in animal science and consist of invited and offered papers

Industry sessions (I) are led and supported by Industry and comprise invited and offered papers

Free communications/Bottom-Up (B): these sessions will be created from submitted abstracts and titles will be announced in early April

Discovery Sessions (D) are invited single/multiple presentations on hot/emerging topics

Challenge Sessions (C) are free format (workshop, open committee, round table) to debate important issues, not theatre paper presentation

Early-career scientist's Sessions (EC).

Project session (P) are sessions based around a project which wants to share its results, often combined with submitted abstracts.

Working Group sessions (WG) are the results of an EAAP working group.