

Scientific Programme for EAAP, Ghent; 26th– 29th August 2019.

Room	Monday August 26 th 8.30 – 12.30.	Monday August 26 th 14.00-17.00. Poster session I, 17.00-18.00	Tuesday Aug 27 th 8.30 - 12.30.	Tuesday Aug 27 th 14.00-18.00.	Wednesday Aug 28 th 8.30-12.30.	Wednesday Aug 28 th 14.00-17.00. Poster session II, 17.00-18.00	Thursday Aug 29 th 08.30 – 11.30. Commission meetings 11.30-12.30.	Thursday Aug 29 th 14.00-18.00.
Baeckeland 1 (100)	Animal Genetic Resources Symposium		Opening ceremony, Plenary Session (22) and Leroy Award lecture	23 Crossbreeding. (G; T)	33 Burning issues in biodiversity 1: what are the benefits from animal gene banks? (G; P)	43 Burning issues in biodiversity 2: fitter livestock farms from better gene banks. (G; P)	53 Fibre from camelids and sheep. (S+G/Camelid WG; BU)	64 Camelids as emerging food producing species in our changing climate. (Camelid WG)
Auditorium (400)	1 What to conserve? (G; WG)	11 Awareness of the importance of genetic resources. (G; C/WG)		24 Epigenetics. (G; T)	34 Gene editing: can we afford (not) to use precision technologies in livestock breeding? (G; C)	44. Free communications animal genetics. (G; BU)	54 Free communications; inbreeding; GxE. (G; BU)	65 Free communications; Genomic prediction and GWAS. (G; BU)
Van Rysselberge (350)	2 Novelty in genomics research and their impact on genetic selection; Part 1. (G; T)	12 Novelty in genomics research and their impact on genetic selection; Part 2. (G; T)		25 PLF for animal health and welfare. (PLF; T)	35 IOT session; first results from the project www.iof2020.eu (2017-2020). (PLF; P)	45 Alarm management, individual feed efficiency, data quality and data ownership, decision support systems in PLF. (PLF; T)	55 Sensing cutting edge technologies in milk and livestock. (PLF; BU)	66 Impact of new precision phenotyping technologies on animal breeding (in collaboration with GplusE). (PLF/GplusE; T/P)
Jan Van Eyck (250)	3 PLF possibilities for sheep, goats, poultry and horses. (PLF/S+G/H; T)	13 Towards a climate smart European livestock farming. (Animal Task Force; C)		26 Microbiome-host interactions and gut health. (Ph; T)	36 Beef farming and products towards the future. (C; T)		56 Metabolic diseases in dairy cows: strategies for their reduction. (C; D)	67 Impact of environmental challenges and consumer demands on cattle response traits and farming systems. (C; BU)
Hubert Van Eyck (150)	4 Novus Award; Innovative dairy research and extension (Young Train). (C; EC)	14 Differentiation of consumer oriented milk & meat products (e.g. A2A2 milk, pasture based milk & meat/hay milk/etc). (C; T)		27 Animal farming for a healthy world. (H+W; D)	37 Strategies reducing antimicrobial need; Part 1. (H+W; T)	46 Sustainable pig production systems; Part 1. (H+W; T)	57 Strategies reducing antimicrobial need; Part 2. (H+W; T)	68 Sustainable pig production systems; Part 2. (H+W; T)
Van de Goes (150)	5 Metabolomics and further OMICs techniques applied to livestock physiology. (Ph; D) Physiology Commission meeting	15 Innovations in sheep and goat breeding. (S+G; D)		28 Standardisation of research methods and parameters. (I; C)	38 Insects in animal feed: beyond the protein concept. (I; T)	47 Match making for research, industry, policy makers. (I; C)	58 InValuable: lessons and results from the Danish insect value chain; Part 1. (I; P)	69 InValuable: lessons and results from the Danish insect value chain. (I; P)
Baeckeland 2 (100)	6 Insects in a circular economy. (I; T)	16 Producing insects on different feeding substrates. (I; P)		29 Algae as animal feed. (N; T)	39 Societal concerns, with focus on environment and antimicrobial resistance, that can be addressed through animal nutrition: state of science and specialty feed ingredients. (N/FEFANA; I)	48 Implementing innovative solutions in animal nutrition: tools and success stories from the field to tackle environmental issues and to reduce the need of antibiotic use in animal farming. (N/FEFANA; I)	59 Free communications animal nutrition: dairy and beef cattle. (N; BU)	70 Feed efficiency and enteric methane emission of cattle. (N; T)
Baeckeland 3 (100)	7 Dietary functional components: effects on animal performance, health and environment. (N; T)	17 Alternative feed ingredients: former food, by-products, and new materials. (N; D)		30 Neonatal survival in pigs. (P; T)	40 Various topics in pig production. (P; BU)	49 Health in poultry and free communications. (P/H+W; BU)	60 Sow + gilt nutrition and management. (P; T)	71 Limits in production growth - on level of cow and farm and industry (physiological, genetic and management, environmental aspects). (C; D)
Bauwensz aal (100) LFS	8 Innovative approaches to pig production and pig research; Part 1. (Wageningen Academic Publishers early career competition). (P; EC)	18 Innovative approaches to pig production and pig research; Part 2. (Wageningen Academic Publishers early career competition). (P; EC)		31 How to address tradeoffs and synergies in livestock farming systems? (LFS; P)	41 Resilient livestock farming systems in the context of climate and market uncertainties. (LFS; T)	50 Young EAAP: should I stay or should I go? – pros and cons of alternative career options. (Young EAAP; EC)	61 Livestock farming systems free communications. (LFS; BU)	72 Agroecological approaches in livestock farming systems. (LFS; T)
Guislain 1 (70)	9 Challenges of livestock farming systems in relation to society. (LFS; D)	19 Heat stress and other environmental factors affecting performance: a physiology perspective. (Ph; T)		32 New sheep & goat projects symposium. (S+G; P)		51 Progress in making aquaculture more sustainable. (Aquaculture WG)	62 Producing sheep & goats with reduced veterinary inputs. (S+G; I)	73 Free communications animal nutrition. (N; BU)
Guislain 2 (60) Horse	10 Tail biting and feather pecking. (H+W; D)	20 Parasites. (H+W; T)		42 - Equine production and welfare. (H; T)	52 Horses as agents of European culture, from the past to the future / The co-evolution of humans and horses. (H; C)	63 Equine breeding systems. (H; D)		

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), Local Organising Committee (LOC)

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 (BU): 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.