Session Category	Session topic
Biology focused	Genetics of feed intake and efficiency
	Genetics of environmental sustainability
	Genetics of reproduction
	Genetics of disease resistance, resilience, robustness, plasticity
	Genetics of heat stress and thermotolerance
	Genetics of animal welfare
	Genetics of product quality
	Microbiome and genetics
	Animals as biomedical models
	Other biology topics
Molecular genetics & genomics	Sequencing, genomes, genotyping
	Construction, annotation and use of pangenomes
	Functional analysis and annotation of genomes and genes
	Causal variant and gene discovery
	Gene editing methods and their use for functional analyses
	Gene network and pathway analyses
	Application of other -omics technologies (transcriptomics, etc)
	Use of single-cell and spacial -omics
	Epigenetics
	Other molecular genetics and genomics topics
New technologies for animal breeding	Visual/imaging/spectral phenotyping systems and analyses
	Sensor phenotyping systems and analyses
	Other novel phenotyping systems
	In vitro phenotyping systems (e.g. organoids)
	Cell-based animal protein production
	Reproductive technologies
	Other new technologies
Genetic & phenotype prediction	Genomic prediction methods
	Multi-population prediction methods
	Machine learning and AI prediction approaches
	Incorporating non-additive effects in prediction
	Incorporating GxE in prediction
	Integration of functional and multi-omics information in prediction
	Integration of domain knowledge (e.g. growth models) in prediction
	Other genetic and phenotype prediction topics
Statistical genetics	Genetic parameter estimation
	From correlation to causality
	GWAS and fine mapping methods
	Selection signatures and associated analyses
	Other -omics analyses, incl. single-cell and spacial transcriptomics
	Multi-omics analyses
	Integration of domain knowledge
	Analysis of non-additive genetic effects
	GxE
	Statistical genetics software and computing
	Systems and methods for data storage, sharing, and collaboration
	Other statistical genetics topics
Quantitative & population genetics	Analysis and prediction of genetic gain
	Analysis and prediction of inbreeding and its effects
	Analysis of genetic diversity
	Genetic architecture of quantitative traits
	Advances in disease genetics and epidemiology
	Social/indirect genetic effects
	Quantitative genetics software and computing
	Other quantitative genetics topics
	Other population genetics topics
Breeding programs & design	Breeding objectives and economic values
	Economics of breeding programs
	Incorporating environmental sustainability in breeding programs, LCA
	Breeding programs in low-information environments
	Infrastructure, resources, and human capacity needs to implement breeding programs
	Delivery of genetic improvement across the globe
	Societal aspects of breeding programs
	Including disease resistance, resilience, and robustness in breeding programs (incl new phenotypes)
	Genotyping and phenotyping strategies
	Breeding programs for local breeds
	Conserving local breeds and gene banks
	Incorporating gene editing in breeding programs
	Incorporating other new technologies in breeding programs
	Breeding program software
	Other breeding program topics
Breeding programs for developing world	Improving sustainable agriculture in the developing world
	Breeding goals
	Genetic parameters
	Other topics developing world topics
Education, training, outreach	Undergraduate education
	Graduate education
	Young scientist career development
	Outreach and communication to industry
	Outreach and communication to society and policymakers
Species-specific focus	Aquaculture
	Avian
	Beef cattle
	Companion animals
	Dairy cattle
	Equine
	Honey bees
	Insects for food and feed
	Sheep and goats
	Swine
	Other species