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Session Category Biology focused	Session topic
Blology rocused	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 Al prediction approaches Incorporating non-additive effects in prediction
	Incorporating fion-additive enects 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
	Systems and methods for data storage, sharing, and collaboration Other statistical genetics topics
Quantitative & population genetics	Systems and methods for data storage, sharing, and collaboration Other statistical genetics topics Analysis and prediction of genetic gain
Quantitative & population genetics	Other statistical genetics topics
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