

ISAG Conference 2023

Programme Overview *Subject to minor changes

Day	Theme	Time	Plenary	Speaker	
MONDAY, 3 JULY 2023		08:00 - 09:00	Opening Ceremony Venue: Hall 8		
	Theme 1	09:00 - 09:55	Plenary 1 Venue: Hall 8 Chairpersons: Prof N Mapholi & Prof C Gill	Understanding African health through genetic diversity Prof Michèle Ramsay	
	Genetics & Genomics African Heritage & changing climates	09:55 - 10:50	Plenary 2 Venue: Hall 8 Chairpersons: Prof N Mapholi & Prof C Gill	Experiences in genomic selection for improved animal health and adaptability in Africa Prof Appolinaire Djikeng	
		10:50 - 11:20	Tea / Coffee Break sponsored by ARC Exhibition and Poster Viewing Venue: Hall 9 – Exhibition Hall		
		11:20 – 12:15	Plenary 3 Venue: Hall 8 Chairpersons: Prof K Watson & Prof N Maiwashe	Genetics and genomics for genetic improvement and sustainability animals - world perspective Prof Christine Baes	
		12:15 - 13:15	Poster Session Venue: Hall 9 – Exhibition Hall		
		13:00 – 13:45	Neogen Lunch Symposium - InfiniSEEK™ Venue: Orchid		
		13:00 – 13:45	ThermoFisher Scientific Lunch Symposium Venue: Daisy		
		13:15 - 14:00	Lunch Break, Exhibition and Poster Viewing Venue: Hall 9 – Exhibition Hall		
	Concurrent Sessions		14:00 - 15:30	Concurrent 1 Venue: Nerina	Cattle Molecular Markers and Parentage Testing
			14:00 - 15:30	Concurrent 2 Venue: Hall 8	Pig Genetics and Genomics
			14:00 - 15:30	Concurrent 3 Venue: Orchid	Comparative and Functional Genomics
			14:00 - 15:30	Concurrent 4 Venue: Daisy	Horse Genetics and Genomics
			14:00 - 15:30	Concurrent 5 Venue: Freesia	Microbiomes
		15:30 - 16:00	Tea / Coffee Break sponsored by ARC Exhibition and Poster Viewing Venue: Hall 9 – Exhibition Hall		
	Concurrent Sessions		16:00 - 17:30	Concurrent 1 Venue: Nerina	Cattle Molecular Markers and Parentage Testing Committee
			16:00 - 17:30	Concurrent 2 Venue: Hall 8	Pig Genetics and Genomics
			16:00 - 17:30	Concurrent 3 Venue: Orchid	Comparative and Functional Genomics
			16:00 - 17:30	Concurrent 4 Venue: Daisy	Horse Genetics and Genomics
			16:00 - 17:30	Concurrent 5 Venue: Freesia	Microbiomes
	17:30 – 19:00	Welcome Reception Speeches Venue: Hall 8			
	19:00 – 21:30	Welcome Reception – sponsored by DALRRD Venue: Hall 9 – Exhibition Hall			

Day	Theme	Time	Plenary	Speaker
TUESDAY, 4 JULY 2023	Theme 2	08:30 - 09:25	Plenary 4 Venue: Hall 8 Chairpersons: Prof R Crooijmans & Prof K Nephawe	Big data integration in the era of animal omics: current and future challenge Dr Lingzhao Fang
	Exploring genomic "big" data	09:25 - 10:30	Plenary 5 Venue: Hall 8 Chairpersons: Dr J Heon & Dr B Nengovhela	Microbiome solutions for improving the sustainability of cattle production Prof Leluo Gan
		10:30 - 11:00	Tea / Coffee Break, Exhibition and Poster Viewing Venue: Hall 9 – Exhibition Hall	
		11:00 - 13:00	Poster Session Venue: Hall 9 – Exhibition Hall	
		11:00 – 13:00	International Goat Genome Workshop Venue: Orchid	
		13:00 – 13:45	Biosearch Technologies Lunch Symposium - High-throughput genotyping technologies to accelerate livestock breeding programmes Venue: Hall 8	
		13:15 – 13:45	J.E.D.I Presentation – Decolonizing science: A primer on centering justice, equity, diversity and inclusion within animal genetics and genomics Sadye Paez Venue: Orchid	
		13:00 - 14:00	Lunch Break, Exhibition and Poster Viewing Venue: Hall 9 – Exhibition Hall	
	Concurrent Sessions	14:00 - 15:30	Concurrent 1 Venue: Hall 8	Animal Epigenetics
		14:00 - 15:30	Concurrent 2 Venue: Freesia	Applied Genetics and Genomics in Other Species of Economic Interest
		14:00 - 15:30	Concurrent 3 Venue: Orchid	Domestic Animal Sequencing and Annotation
		14:00 - 15:30	Concurrent 4 Venue: Nerina	ISAG-FAO Advisory Group on Animal Genetic Diversity
		14:00 - 15:30	Concurrent 5 Venue: Daisy	Genetics of Immune Response and Disease Resistance
		15:30 - 16:00	Tea / Coffee Break, Exhibition and Poster Viewing Venue: Hall 9 – Exhibition Hall	
	Concurrent Sessions	16:00 - 17:30	Concurrent 1 Venue: Hall 8	Animal Epigenetics
		16:00 - 17:30	Concurrent 2 Venue: Freesia	Applied Genetics and Genomics in Other Species of Economic Interest
		16:00 - 17:30	Concurrent 3 Venue: Orchid	Domestic Animal Sequencing and Annotation
		16:00 – 18:30	Concurrent 4 Venue: Nerina	ISAG-FAO Advisory Group on Animal Genetic Diversity
		16:00 - 17:30	Concurrent 5 Venue: Daisy	Genetics of Immune Response and Disease Resistance
	Evening Sessions	17:30 – 19:30	Evening Workshop Venue: Orchid	Animal Genetic Testing Standardization
		17:30 – 18:30	Evening Workshop Venue: Hall 8	Illumina Workshop - Applying Genomics to Agriculture
18:00		Evening Meeting Venue: Nerina	ISAG-FAO Advisory Group on Animal Genetic Diversity Business Meeting	

Day	Theme	Time	Plenary	Speaker
WEDNESDAY, 5 JULY 2023	Concurrent Sessions	08:30 - 10:30	Concurrent 1 Venue: Freesia	Words of Wisdom – Engaging with Future Generations
		08:30 - 10:30	Concurrent 2 Venue: Daisy	Comparative MHC
		08:30 - 10:15	Concurrent 3 Venue: Hall 8	Genome Edited Farm Animals
		08:30 - 10:30	Concurrent 4 Venue: Orchid	Applied Genetics of Companion Animals
		08:30 - 10:45	Concurrent 5 Venue: Nerina	Small Ruminant Genetics and Genomics
		10:30 - 11:00	Tea / Coffee Break, Exhibition and Poster Viewing Venue: Hall 9 – Exhibition Hall	
		11:00 - 18:00	EXCURSIONS	
	Evening	Free Evening		

Day	Theme	Time	Plenary	Speaker
THURSDAY, 6 JULY 2023	Theme 3	08:30 - 09:25	Plenary 6 Venue: Hall 8 Chairpersons: Dr P Boettcher & Dr F Muchadeyi	Using functional annotation and individual omics in genomic prediction Dr Mario Calus
	Functional genomics (FAANG)	09:25 - 10:30	Plenary 7 Venue: Hall 8 Chairpersons: Dr A Chamberlain & Dr C Rhode	Aquaculture genetics, genomics and breeding to drive production growth, efficiency and sustainability Dr James Kijas
		10:30 - 11:00	Tea / Coffee Break, Exhibition and Poster Viewing Venue: Hall 9 – Exhibition Hall	
	Concurrent Sessions	11:00 - 13:00	Concurrent 1 Venue: Nerina	Animal Genetics Journal Editorial Meeting (By Invite Only)
		11:00 - 13:00	Concurrent 2 Venue: Hall 8	Companion Animal Genetics and Genomics
		11:00 - 13:00	Concurrent 3 Venue: Daisy Breakaway in Freesia	FAANG
		11:00 - 13:00	Concurrent 4 Venue: Orchid	Animal Forensic Genetics
		13:00-14:00	Lunch Break, Exhibition and Poster Viewing Venue: Hall 9 – Exhibition Hall	
	Concurrent Sessions	14:00 - 15:30	Concurrent 1 Venue: Nerina	Equine Genetics and Thoroughbred Parentage Testing
		14:00 - 15:30	Concurrent 2 Venue: Hall 8	Ruminant Genetics and Genomics
		14:00 - 15:30	Concurrent 3 Venue: Orchid	Avian Genetics and Genomics
		14:00 - 15:30	Concurrent 4 Venue: Freesia	Genetics and Genomics of Aquaculture Species
		14:00 - 15:30	Concurrent 5 Venue: Daisy	Livestock Genomics for Developing Countries
		15:30 - 16:00	Tea / Coffee Break, Exhibition and Poster Viewing Venue: Hall 9 – Exhibition Hall	
	Concurrent Sessions	16:00 - 17:30	Concurrent 1 Venue: Nerina	Equine Genetics and Thoroughbred Parentage Testing
		16:00 - 17:30	Concurrent 2 Venue: Hall 8	Ruminant Genetics and Genomics
		16:00 - 17:30	Concurrent 3 Venue: Orchid	Avian Genetics and Genomics
		16:00 - 17:30	Concurrent 4 Venue: Freesia	Genetics and Genomics of Aquaculture Species
16:00 - 17:30		Concurrent 5 Venue: Daisy	Livestock Genomics for Developing Countries	
	19:00 -23:00	Gala Dinner & Awards Ceremony Venue: Gold Restaurant		

Day	Theme	Time	Plenary	Speaker
FRIDAY, 7 JULY 2023	Theme 4	09:00 - 09:55	Plenary 8 Venue: Hall 8 Chairpersons: Dr EM Ibeagha-Awemu & Prof E Van Marle-Köster	The African BioGenome Project: An African initiative to conserve and document Africa's biodiversity Prof Anne Muigai
	Genomics for SA livestock and wildlife	09:55 – 10:50	Plenary 9 Venue: Hall 8 Chairpersons: Dr S Mikko & Prof C Banga	Genetic biodiversity in Southern Africa: Implications for wildlife conservation Prof Paulette Bloomer
		10:50 -11:30	Tea / Coffee Break Venue: Hall 8 Foyer	
		11:30 - 12:30	Business Meeting / AGM Venue: Hall 8	
		12:30 - 13:00	Official Closing Ceremony Venue: Hall 8	