

Sunday 16th July

Location	Atrium O'Brien Science Building		O'Reilly Hall	Boardroom H1.47 O'Brien Science Building	Boardroom H1.48 O'Brien Science Building	Elan Theatre O'Brien Science Building	George Moore Auditorium O'Brien Science Building	Intel Theatre O'Brien Science Building	Lynch Theatre O'Brien Science Building	Icon Theatre O'Brien Science Building	H1.51 O'Brien Science Building	
8:30 - 11:00					ISAG Executive Committee Meeting							
11:00 - 11:30												
11:30 - 13:00												
13:00 - 14:00												
14:00 - 15:30												
15:30 - 16:00	Registration Desk Open	Exhibition Setup										
16:00 - 17:00												
17:00 - 17:30												
17:30 - 18:00												

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8:00 - 9:00	Registration Desk Open	Monday / Tuesday Posters Setup					Vendor Seminar Option 1					
9:15 - 9:30												
9:30 - 10:30			Welcome & Opening The 200 Mammals Project: a Resource for Animal and Human Health Co-Chairs: Romy Morrin-O'Donnell & Brian Wickham <i>Prof Kerstin Lindblad-Toh</i>									
10:30 - 11:30			Big Data in Biology: Challenges and Opportunities Co-Chairs: Romy Morrin-O'Donnell & Brian Wickham <i>Prof Ewan Birney</i>									
11:30 - 12:00			Coffee/Tea									
12:00 - 13:00			Cut and Paste Genetic Improvement: Changing Direction and Selection with Advanced Breeding Methods Co-Chairs: Romy Morrin-O'Donnell & Brian Wickham <i>Dr Tad Sonstegard</i>									
13:00 - 13:15			Lunch									
13:15 - 13:30												
13:30 - 14:00					Meeting of Board with Chairs			Thermo Fisher Scientific Sponsor Vendor Presentation Next Generation Solutions for Animal Breeding and Parentage				
14:00 - 14:30												
14:30 - 16:00						Domestic Animal Sequencing and Annotation Chair: James Reecy {200 participants}	Genome Edited Animals Chair: Bruce Whitelaw {100 participants}	Animal Forensic Genetics Workshop Chair: Guillermo Giovambattista {100 participants}	Applied Genetics and Genomics in Other Species of Economic Importance Chair: Leanne Van de Goor [30 participants]	Horse Genetics and Genomics Co-Chairs: Teruaki Tozaki & Tomas Bergstom {100 participants}		
16:00 - 16:30		Coffee/Tea										
16:30 - 18:00						Domestic Animal Sequencing and Annotation Chair: James Reecy {200 participants}	Genome Edited Animals Chair: Bruce Whitelaw {100 participants}	Animal Forensic Genetics Workshop Chair: Guillermo Giovambattista {100 participants}	Applied Genetics and Genomics in Other Species of Economic Importance Chair: Leanne Van de Goor [30 participants]	Horse Genetics and Genomics Co-Chairs: Teruaki Tozaki & Tomas Bergstom {100 participants}		
18:00 - 19:00			Welcome Reception									

Tuesday 18th July

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7:45 - 8:00	Registration Desk Open	Exhibition & Posters Open									
8:00 - 9:00							illumina Vendor Seminar				
9:00 - 11:00						"ISAG-FAO Genetic Diversity Chair: Catarina Ginja {150 participants}	Ruminant Genetics and Genomics Chair: Laercio Porto-Neto [120 participants]	Genetics of Immune Response and Disease Resistance Chair: Huaijun Zhou {100 participants}	Equine Genetics and Thoroughbred Parentage Testing Workshop Chair: Cecilia Penedo 80 participants]	Comparative MHC Genetics: Populations and Polymorphism Chair: Keith Ballinghall {75 participants}	Avian Genetics and Genomics Chair: Richard Crooijmans {75 participants}
11:00 - 11:30			Coffee/Tea								
11:30 - 13:00						"ISAG-FAO Genetic Diversity Chair: Catarina Ginja {150 participants}	Ruminant Genetics and Genomics Chair: Laercio Porto-Neto [120 participants]	Genetics of Immune Response and Disease Resistance Chair: Huaijun Zhou {100 participants}	Equine Genetics and Thoroughbred Parentage Testing Workshop Chair: Cecilia Penedo 80 participants]	Comparative MHC Genetics: Populations and Polymorphism Chair: Keith Ballinghall {75 participants}	Avian Genetics and Genomics Chair: Richard Crooijmans {75 participants}
13:00 - 13:30											
13:30 - 14:00			Lunch		Animal Genetics Editorial Board Meeting		Weatherbys Sponsor Vendor Presentation The Irish Beef Genomics Scheme; Applying the latest DNA technology to address global challenges around GHG emissions and food security				
14:00 - 14:30								SNP parentage and identification, making the transition from Microsatellites			
14:30 - 16:00						Animal Epigenetics Chair: Stephanie McKay {150 participants}	Pig Genetics and Genomics Co-Chairs: Romi Pena I Subirà & Kyle Schachtschneider {100 participants}	Cattle Molecular Markers and Parentage Testing Chair: Romy Morrin-O'Donnell [100 participants]	Companion animal genetics and genomics Co-chairs: Leslie Lyons & Tomas Bergstrom [75 participants]	Microbiomes Chair: Claire Rogel-Gaillard {70 participants}	
16:00 - 16:30			Coffee/Tea								
16:30 - 18:00	Breakdown of Moday / Tusday Posters				Animal Epigenetics Chair: Stephanie McKay {150 participants}	Pig Genetics and Genomics Co-Chairs: Romi Pena I Subirà & Kyle Schachtschneider {100 participants}	Cattle Molecular Markers and Parentage Testing Chair: Romy Morrin-O'Donnell [100 participants]	Companion animal genetics and genomics Co-chairs: Leslie Lyons & Tomas Bergstrom [75 participants]	Microbiomes Chair: Claire Rogel-Gaillard {70 participants}		
18:00 - 19:00	Travel to Irish Social Evening										
19:00-22:00	Irish Evening at Taylors Three Rock										

Wednesday 19th July 2017

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7:45 - 08:00										
8:00 - 9:00	Registration Desk Open	Wednesday / Thursday / Friday Posters Setup				Pac Bio Vendor Seminar Long-read SMRT Sequencing Delivers the Most Comprehensive Views of Animal Genomes and Transcriptomes A High-quality Genome Assembly for Water Buffalo				
9:00 - 10:00		Exhibition & Posters Open	The Role of Enhancers in Mammalian Disease and Development: Stories from more than Thirty Mouse Knockouts Co-chairs: Elisabetta Giuffa & Christopher Tuggle <i>Prof Diane Dickel</i>							
10:00 - 11:00			How Animal Genomics Research Contributes to Basic Biology Co-chairs: Elisabetta Giuffa & Christopher Tuggle <i>Prof Leif Andersson</i>							
11:00 - 11:30		Coffee/Tea								
11:30 - 13:00			Filling the gap until the FAANG data comes in: Comparative annotation of sheep reveals selection has acted on the proximal regulatory machinery Co-chairs: Elisabetta Giuffa & Christopher Tuggle <i>Dr James Kijas & Laura Clarke</i>							
13:00 - 13:30	Bus Departs UCD for Excursion									
13:30 - 17:30	<p>Travels to place of Interest. Each bus has knowledgeable guide.</p> <p>Tour 1 The Irish Equine Centre and the Irish National Stud</p> <p>Tour 2 Irish Beef Data and Genomics Programme</p> <p>Tour 3 Book of Kells and St. Patrick's Cathedral</p> <p>Tour 4 Powerscourt House and Gardens</p> <p>Please Note: Tours are subject to final numbers</p>									
17:30 - 18:00	Bus Returns to UCD									

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8:00 - 9:00	Registration Desk Open	Exhibition & Posters Open				Vendor Seminar Option 4				
9:00 - 10:00			Will Animal Genetics Innovations Be Embraced Or Eschewed? The #Scicomm Challenge Facing Agricultural Biotechnology Co-Chairs: Ernie Bailey & David MacHugh <i>Prof Alison L. Van Eenennaam</i>							
10:00 - 11:00			Molecular Regulation of Pregnancy Establishment in Cattle Co-Chairs: Ernie Bailey & David MacHugh <i>Prof Patrick Lonergan</i>							
11:00 - 11:30			Coffee/Tea							
11:30 - 12:30			Is It Time to Change the Paradigm? Mammals are Not Just Genes Interacting with Their Environment. Co-Chairs: Ernie Bailey & David MacHugh <i>Prof Julian Marchesi</i>							
12:30 - 13:00			Sheep parchment as a genetic resource Co-Chairs: Ernie Bailey & David MacHugh <i>Dr Matthew Teasdale</i>							
13:00 - 13:30			Lunch							
13:30 - 14:00							Neogen Sponsor Vendor Presentation Traditional Chicken Breeds in the Netherlands			
14:30 - 16:00						Comparative and Functional Genomics Chair: Fiona McCarthy [175 participants]	Applied Sheep and Goat Genetics Chair: Gesine Luehken [100 participants]	Genetics and Genomics of Aquaculture Species Co-Chairs: Ross Houston & Francesca Bertolini [75 participants]	Applied Genetics of Companion Animals Chair: Sofia Mikko [50 participants]	Livestock Genomics for Developing Countries Chair: Ntanganedzeni Mapholi [70 participants]
16:00 - 16:30			Coffee/Tea							
16:30 - 18:00				Comparative and Functional Genomics Chair: Fiona McCarthy [175 participants]		Genetics and Genomics of Aquaculture Species Co-Chairs: Ross Houston & Francesca Bertolini [75 participants]	Applied Genetics of Companion Animals Chair: Sofia Mikko [50 participants]	Livestock Genomics for Developing Countries Chair: Ntanganedzeni Mapholi [70 participants]		
18:00 - 19:00										
19:00-00:00	Gala Dinner - O'Reilly Hall UCD									

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8:00 - 9:00	Registration Desk Open	Exhibition & Posters Open										
9:00 - 10:00												GBLUPs Me, GBLUPs Me Not: Marrying Molecular Biology and Statistical Genomics Co-Chairs: Clare Gill & Sinead Waters <i>Prof Toni Reverter</i>
10:00 - 11:00												Picking the Bones Out: Ancient Animal Genomics of the Fertile Crescent Co-Chairs: Clare Gill & Sinead Waters <i>Prof Daniel Bradley</i>
11:00 - 11:30			Coffee/Tea									
11:30 - 13:00	Breakdown Registration	Clear Exhibition & posters		Business Meeting and Awards								
13:00 - 13:30												
13:30 - 14:00												
14:00 - 15:00					Debriefing Meeting of LOC, PCO, FASS and Executive Committee							