

Date	Type	Session topic		Topic
29-Jul	Day 1	Welcome and Intro	Chair: Lynn & local host	Sessions Chair
29-Jul	keynote	Keynote	Ewan Birney	The opportunities and challenges of data and AI in the life sciences. A view from EMBL
29-Jul	talk	20/30yrs of Genomes/GSC	Owen White	A historical perspective on microbial genome sequencin
29-Jul	talk	20/30yrs of Genomes/GSC	Nikos	The role of the GSC during the sequencing revolution
29-Jul	Sponsor Talk	Platinum sponsor	Kris Locken	TBC
29-Jul		Comfort Break		
29-Jul	talk	20/30yrs of Genomes/GSC	TBC	TBC
29-Jul	talk	20/30yrs of Genomes/GSC	Ilene	GSC partnerships - INSDC
29-Jul	talk	20/30yrs of Genomes/GSC	Saurabh Raghuvanshi	TBC
29-Jul	Sponsor Talk	Platinum sponsor	TBC	TBC
29-Jul		Lunch		
29-Jul	talk	Dawn Field awardee	James Fellows Yates	The importance of community in the development of ancient DNA metadata standards
29-Jul	talk	Expanding the GSC	Neil Davies	Biodiversity, TDWG, iSamples (Omic BON)
29-Jul	talk	Expanding the GSC	Kerstin Howe	Genomics standards for eukaryotic biodiversity sequencing
29-Jul	Sponsor talk	Platinum sponsor	TBC	TBC
29-Jul		Comfort Break		
29-Jul	Panel			With hind sight, what could have been done differently over the last 20/30yrs?
29-Jul	Service	WELCOME RECEPTION & BBQ		
Date	Type	Session topic	Speaker name	Topic
30-Jul	Service	Welcome		Session Chair
30-Jul	Keynote	Keynote	Thulani Makhalanyane	TBC
30-Jul	talk	Current GSC standards	Sierra Moxon	TBC
30-Jul	talk	Current GSC standards	Philipp Muench	A platform faciilitating MIxS-compliant metadata collection and data generation for microbial omics projects
30-Jul	Sponsor talk		TBC	TBC
30-Jul	break	Comfort Break		
30-Jul	talk	Current GSC standards	Peter Woolard	It's Only FAIR: A pathway for sequence databases to improve interoperation with standards organisations
30-Jul	talk	New checklists	Tanja Woyke -- need funding	One Cell, Different Entities: Setting Standards for Microeukaryote Single-Cell Genomics
30-Jul	talk	New checklists	Chris Kent	Data Standards for Multiplex Amplicon Sequencing
30-Jul	talk	New checklists	Emma Griffiths	TBC
30-Jul	break	Lunch		
30-Jul	talk	eDNA	Miwa Takihashi	The FAIR eDNA (FAIRe) checklist: Towards consistent and reusable environmental DNA data
30-Jul	talk	eDNA	TBC	TBC
30-Jul	talk	eDNA	Alexios Loukas and Nefeli K. Venetsianou	CCMRI: A classification and curated database of climate change-related metagenomic studies.
30-Jul	talk	other	Guy Cochrane	TBC
30-Jul	break	Comfort Break		
30-Jul	talk	Current GSC standards	Chris Hunter	Update on GSC ongoing works over the last 12 months
30-Jul	tutorial	new checklists	Chris Hunter	The GSC operational SOPs
30-Jul	wrap up			
Date	Type	Session topic	Speaker name	Session Chair
31-Jul	Service			
31-Jul	Keynote	Keynote	Lara Urban	Squiggles to the rescue – Nanopore sequencing and Antimicrobial resistance
31-Jul	talk	Future of Genomics and Star	Maaly Nassar	AI-Driven Mutation Discovery: Linking Literature, Ontologies, and Patient Genomics for Precision Gene Therapy.
31-Jul	talk	Future of Genomics and Star	Venkat	Advancing shotgun metagenomics and digital PCR assays to meet future Planetary Protection requirements.
31-Jul	talk	Future of Genomics and Star	TBC	TBC
31-Jul	break	Comfort Break		
31-Jul	talk	Inovations in Genomics and	Fergal Martin	Deep learning and standards, genomics
31-Jul	talk	Inovations in Genomics and	TBC	TBC
31-Jul	talk	Inovations in Genomics and	TBC	TBC
31-Jul	talk	Inovations in Genomics and	TBC	TBC
31-Jul	break	Lunch		
31-Jul	hand off			Hand off the GSC 2026 Organising committee
31-Jul	Panel	Where are we going to be in another 20-30yrs?		
31-Jul	break	Comfort Break		
31-Jul	wrap up			