PROGRAMME AT A GLANCE

Sunday 21 July
17:00 - 17:45 Welcome Reception
18:00 - 19:00 Plenary Lecture - Chris Jiggins

Monday 22 July
Exchange Hall
09:00 - 10:00 Plenary Lecture - Eddie Holmes
10:00 - 10:30 Coffee Break
10:30 - 12:30 The Molecular Basis of Major Transitions in Evolution
Resistance Evolution in Real-Time
The Evolution of Senescence: From Theory to Molecular Data
Mitochondrial-Nuclear Interactions
12:30 - 13:00 Lunch Break
13:00 - 15:00 Using Ancient DNA to Study Nature Selection: New Models and New Data
The Causes of Parallel Molecular Evolution
The Molecular Evolution of Cancer
Genomic Perspectives on Plant and Animal Domestication
15:30 - 16:00 Coffee Break
16:00 - 18:00 Barriers and Drivers of Evolutionary Innovation by Horizontal Gene Transfer
Open Symposium
Evolution of Phenotypes: Understanding diversity and the role of plasticity in adaptation to new environments
The Coalescent in the Era of Population-Scale Genomics
MEGE: Microbial Eukaryotic Genomic Evolution
18:00 - 20:00 Poster Session

Tuesday 23 July
Exchange Auditorium
09:00 - 10:00 Plenary Lecture - Hanna Johannesson
10:00 - 12:00 Walter Fitch Symposium
12:00 - 13:00 Lunch Break
12:00 - 13:30 SMBE Business Meeting
13:30 - 15:30 Evolution of Phenotypes: Understanding Diversity and the Role of Plasticity in Adaptation to New Environments
Phylogenomics under the Multispecies Coalescent
MBE/GBE Editors
The Ecological Genomics of Eukaryote Eukaryotes
15:30 - 16:00 Coffee Break
16:00 - 18:00 Poster Session
18:00 - 20:00 Poster Session

Wednesday 24 July
Exchange Auditorium
09:30 - 11:30 Genome-wide methods for detecting selection
Microbial Evolution in Complex Environments
Understanding the Genomics of Climate Change Response
Open Symposium
11:30 - 12:00 Lunch Break
12:30 - 14:30 Evolution of proteins and molecular pathways/networks under higher level selective effects
The application of evolutionary approaches to the study of microbial communities and microorganisms
Contemporary Evolution
Open Symposium
14:30 - 15:00 Coffee Break
15:00 - 17:00 Biochemistry, epistasis and the evolutionary process
Evolutionary Insights from Metagenomics
Genetic conflicts in molecular evolution
Inside Africa: Uncovering patterns of human genetic diversity
18:45 - 00:00 Conference Dinner - Manchester Cathedral

Thursday 25 July
Exchange Auditorium
08:30 - 10:30 Novel insights into evolutionary genetics from emerging technologies
Repeats and mobile elements as drivers of innovations in protein coding genes
Evolutionary Ecology and Host-Virus Dynamics in the Microbiome
Open Symposium
10:30 - 11:00 Coffee Break
11:00 - 13:00 Origins, evolution and function of novel genes
Open Symposium
Insights from fitness landscapes into evolutionary pathways
Open Symposium
13:00 - 14:00 Lunch Break
13:00 - 14:00 Outreach Workshop
14:00 - 16:00 Mutation Rate Evolution
Evolutionary genetics and genomics of metabolic networks
Molecular basis of neural circuit and behavioral evolution
Open Symposium
16:00 - 17:00 Masatoshi Nei Lecture - Aoife McLysaght
17:00 - 17:30 Awards Ceremony and Introduction to SMBE 2020