



# Genetics of Migration

## Tuesday 12 March 2024

### Talks: Session 1 - Lecture Hall (10:15-10:55)

time	[id] title	presenter
10:15	[10] Causes and consequences of non-random gene flow in lake-stream stickleback	ROESTI, Marius
10:35	[11] Ancestral winter quarters shape and constrain the evolution of long-distance migration	BENSCH, Staffan

### Talks: Session 2 - Lecture Hall (12:15-13:00)

time	[id] title	presenter
12:20	[12] Molecular regulation of population-specific migratory behaviour in songbirds at single cell resolution	ISHIGOHOKA, Jun
12:40	[13] One or two quails? Migration and fenotype diversity leaded by a big chromosomal inversion	SANCHEZ-DONOSO, Ines

# Wednesday 13 March 2024

## **Talks: Session 3 - Lecture Hall (10:15-10:55)**

time	[id] title	presenter
10:15	[14] Unfolding Wings: Understanding the development of migration patterns and flight skills in a long-distance migrant	FLACK, Andrea
10:35	[15] Stonechat migratory divide in Asia – an unconventional avian model for the study of genetic migration	HELM, Barbara ZHAO, Tianhao

## **Talks: Session 4 - Lecture Hall (12:15-13:00)**

time	[id] title	presenter
12:15	[16] The genetic basis of partial migration in blackbirds	WEISSENSTEINER, Matthias
12:35	[17] Adaptation of Spanish robins ( <i>Erithacus rubecula</i> ) to habitats with different seasonality	LANGEBRAKE, Corinna

# Thursday 14 March 2024

## Talks: Session 5 - Lecture Hall (09:30-10:30)

time	[id] title	presenter
09:30	[18] Male migrants live fast and die young	WOTTON, Karl DOYLE, Toby
09:50	[19] Enhanced flight performance following repeated bouts of flight and recovery in an insect migrant	POOLE, Oliver
10:10	[20] Risks to migrants in agroecosystems: increased sensitivity to pesticides linked to down-regulation of a key detoxification gene.	BARNES, Jaimie

## Talks: Session 6 - Lecture Hall (11:15-12:35)

time	[id] title	presenter
11:15	[21] Conserved genetic diversity and preliminary support for behavioural changes after a rapid range expansion of a long-distance migrant ( <i>Acrocephalus scirpaceus</i> )	BERGMAN, Nora
11:35	[22] Sensing a long day at adult stage is crucial for <i>Cnaphalocrocis medinalis</i> to decide to migrate	XU, Chao-min
11:55	[23] How flexible is the migration strategy in Alpine swifts?	MEIER, Christoph
12:15	[24] Could deep learning and population genomics unravel the mystery of songbird vagrancy?	WYNN, Joe