

Revolution 2021 – Day 1 – 18.02.2021

Zoom link: <https://uu-se.zoom.us/j/2627098544>

TIME	HOST	SPEAKER	TITLE
10:30	Frank	Frank Johansson	Welcome to Revolution 2021
10:45	Frank	Rike Stelkens	Recombining your way out of trouble: Adaptation to environmental stress through hybridization
11:30	Chaz	Marco Saltini	Potential for ecological and evolutionary coexistence in stage-structured populations
11:45	Chaz	Patrik Rödin Mörch	Demographic history and mutation load in ptarmigans
12:00	LUNCH		
13:00	Carolina	Julian Baur	Thermal sensitivity of fertility in seed beetles
13:15	Carolina	Mareike Koppik	Gene expression response to germline damage in male seed beetles
13:30	Carolina	Elin Videvall	Transcriptomics of the invasive avian malaria parasite in Hawai'i
13:45	Carolina	Anssi Laurila	ReCod
14:00	BREAK		
14:15	Mareike	Murielle Ålund	Making sense of a turbid world: stickelback anti-predatory behaviour across sensory environments
14:30	Mareike	Zuzana Sekajova	Compensatory growth in <i>C. elegans</i>
14:45	Mareike	Anna Qvarnström	Climate Driven Speciation
15:00	FIKA		
15:30	Julian	Chaz Hyseni	Connectivity of Aquatic Invertebrate Meta-communities in Urban Landscapes
15:45	Julian	Carolina Segami	Collared and Pied spermatogenesis: a single cell perspective
16:00	Julian	Andre P. Silva	Forest loss in protected areas of NE India
16:15	Julian	Frank Johansson	What determines a species community composition best: temporal or spatial variation?
16:30	Julian	Javier V	Microplastic exposure across trophic levels: effects on the gut microbiota of freshwater organisms

Revolution 2021 – Day 2 – 19.02.2021

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TIME	HOST	SPEAKER	TITLE
10:30	Frank	John Fitzpatrick	900 million years of sperm evolution
11:15	Adrian	Jacob Höglund	Genetic diversity of green toads: how to choose a rescue population
11:30	Adrian	Josefine Stångberg	Evolutionary consequences of sex-specific selection in nematodes
11:45	Adrian	Martyna Zwoinska	Stressed seed beetles
12:00	LUNCH		
13:00	Javier	Axel Jensen	Evolutionary history of guenons
13:15	Javier	Adrian Forsythe	The Dynamics of Oral Disease in Historical Scandinavian Brown Bear (<i>Ursus arctos</i>) Populations
13:30	Javier	Niki Chondrelli	Effects of Bd infection on transcription in the common toad
13:45	Javier	Alessandro Culicchi	Hybridisation and impaired visual conditions in Swedish lakes
14:00	BREAK		
14:15	Axel	David Berger	Unpopular opinion: polygenic adaptation by purging environment-specific mutation load
14:30	Axel	Sher Afzal Khan	Studying seed beetles' adaptive mechanisms against different plant food sources
14:45	Axel	Göran Arnqvist	The repetability of adaptive evolution in beetles
15:00	Axel	Ingrid Ahnesjö	Sexual selection and the sexes - changing views?
15:15	Axel	Qi Lu	TBD
15:30	FIKA		
16:00	POSTER SESSION		
16:00	Chaz	Markella Moraitou	Oral microbiome evolution in closely related species
16:05	Chaz	Konstantinos Papachristos	Detecting selection in digestive enzymes and reproductive proteins of four seed beetles
16:10	Chaz	Alex Fisher	Distribution of avian malaria vectors
16:15	Chaz	Samantha López Clinton	Developing saddleback tamarin SNP set for in situ genotyping using MinION
16:20	Chaz	Salomé Fromonteil	Sexual selection and reproductive isolation in a species of seed beetle
16:25	Chaz	Grace Walsh	Population structure and selection in red grouse
16:30	Chaz	Imogen Dumville	An intro to reindeer oral fungal biome
16:35	Chaz	Imogen Dumville	Sex determination in Moor Frogs (<i>Rana arvalis</i>)
16:40	Frank	Frank Johansson	Closing Remarks
16:45		ALL	Voting for Presentation Awards
16:50		ALL	Revolution(ary) Social Hour on Gather