

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:00 - 9:00	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
	Session 1: Genome architechture and diversity	Session 3: Functional genomics	Session 4: Population genomics	Session 5: Evo-devo	Session 7: Macro-evolution & ecology
9:00 - 9:25	Dr. Konstantinos Zormpas (General Director of the OAC); Antonis Kalogerakis	Yongping Huang	Joana Meier	Antonia Monteiro	Kay Lucek
	Welcome to the OAC	Keynote 3: Molecular breeding of silkworm strains for better silk and resistant to NPV virus		The developmental origin and regulation of a complex repeated trait: eyespots on the	Diversification in Alpine butterflies: from macroevolutionary patterns to
9 .25 - 9.45	Charlotte Wright				
	Keynote 1: Insights into rapid chromosome evolution in butterflies and the potential of Project Psyche for lepidopteran genomics	Takuya Tsubota	Nataliia Kopchak	Daniel Pinos	Wei Zhang
9.45 - 10.10		w1 pnd strain for the development of novel transgenic and genome editing tools	Butterfly in the New World Junonia: Unveiling the Haplotype Complexity of Junonia vestina	Characterizing the olfactory system of Spodoptera exigua larvae	Evolution and diversification of mimicry and masquerade in butterflies
10.10 - 10.35	Nicol Rueda	Donya Shodja	Karine Durand	Luca Livraghi	Jean-Pierre Rossi
	Sex chromosome evolution in Lepidoptera: insights from the Heliconius sapho clade	Advancing Genetic Tools for Butterfly Research: Overcoming Challenges in Transgenesis and Fluorescent Tracking	The invasion process of the fall armyworm *Spodoptera frugiperda*	Parallel evolution of silver iridescence dimorphisms in fritillary butterflies	A climate change winner: How warmer and brighter winters trigger the expansion of the pine processionary moth
10.35 - 11.05	coffee	coffee	coffee	coffee	coffee
11.05 - 11.30	Karin Nasvall	Keiro Uchino	Yubo Zhang	Lisa Schuart	Daniel Pinos
	Genome Structure Evolution in Ithomiini Butterflies	Egg cooling after oviposition extends the permissive period for microinjection-mediated genome modification in Bombyx mori	Introgression Detection and Adaptive Impacts: Insights from Heliconius	Exploring the genetic basis of colour polymorphism in Apamea using museomics	Kynurenine 3-monooxygenase disruption by CRISPR/Cas9 in Spodoptera exigua: phenotype, microbial diversity, and fitness costs
11.30 - 11.55	Arjen van 't Hof	Jasmine Alqassar	Carole Kerdelhue	Dequn Teng	Cristina Crava
	The origin of zygoticity-based sex determination	Unraveling the complexity of silk glands using Hybridization Chain Reaction and RNAseq	Inter-continental introgression in the winter pine processionary moth species complex: phylogenetic and genomic perspectives	The genetic mechanisms of leaf masquerade mimicry in Kallima butterflies	REPAT proteins as mediators of pathogen-insect-plant interactions in Spodoptera exigua
11.55 - 12. 20	Atsuo Yoshido	James Pearce	lunch	Astrid T. Groot	Nathalie P.E.A. Ibsen
	Intersexes caused by deviations in the Z:A ratio in the eri silkmoth, Samia cynthia ricini	A molecular toolkit to study host immune response in the in vivo infection model Galleria mellonella		Effects of parasitic infections in generalist and specialist moths	Dispersal ability shapes genomic response to habitat fragmentation in widespread “non-threatened” butterflies
12.30 - 13.00	lunch	lunch		lunch	lunch
13:00 - 13:30					
13.30 - 15.15	free time	free time	Excursion to Falassarna Beach, incl. dinner at a Tavern	free time	free time
	Session 2: Genome architecture & diversity	Poster session incl coffee break		Session 5: Evo-devo	Open discussion on topics relevant to the field. We have some ideas and suggestions, but are open to any topic that comes up during the meeting and deserves further
15.15 - 16.00	Ines Drinnenberg			Anyi Mazo-Vargas	
	Keynote 2 - EMBO Young Investigator Lecture: Evolution of segregation and genome organization			Evolving Patterns: An Evo-Devo Exploration of Butterfly Wing colors	
16.00 - 16.25	Hyerin An			David G. Heckel	
	Non-allelic homologous recombination drives sequence loss between transposable elements in smaller lepidopteran chromosomes			An esterase affects pheromone components important for reproductive isolation between two closely related moth species	
16:25 - 17:00	coffe	"Pupating projects" session		coffee	coffee
17:00 - 17:25	David G. Heckel			James Walters	discussion continued/closing remarks
	Z chromosomal involvement in delayed exit from diapause of Cydia pomonella using linkage analysis			Single-nucleus RNA-seq analysis of dichotomous spermatogenesis in silkmoth, Bombyx mori	
17.25 - 17.50	James Walters			Tsuneyuki Tatsuke	
	Fading into obscurity: Rapid evolution and elusive origin(s) of the W sex chromosome in moths and butterflies.			Strain-specific responses in silk-related gene expression influenced by dietary differences in Bombyx mori	
17.50 - 18.15	Peter Nguyen				
	W sex chromosome: the last frontier in lepidopteran genomics				
19.00 ...	dinner	dinner		Cretan Night	dinner