

Time	Monday	Tuesday	Wednesday	Thursday	Friday	
8:00 - 9:00	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	
	Session 1: Genome architechture and diversity Chair: Astrid Groot	Session 3: Functional genomics Chair: Petr Nguyen	Session 4: Population genomics Chair: Wei Zhang	Session 5: Evo-devo Chair: Cristina Crava		
9:00 - 9:25	Dr. Konstantinos Zormpas (General Director of the OAC); Antonis Kalogerakis	Keynote 3: Yongping Huang	Keynote 4: Joana Meier	Keynote 5: Antonia Monteiro		
	Welcome to the OAC	Molecular breeding of silkworm strains for better silk and resistant to NPV virus	Drivers of rapid diversification in ithomiini butterflies	The developmental origin and regulation of a complex repeated trait: eyespots on the wings of Lepidoptera	Session 7: Macro-evolution & ecology Chair: Sabine Hänniger	
9.25 - 9.45	Keynote 1: Charlotte Wright				Keynote 7: Kay Lucek	
	Insights into rapid chromosome evolution in butterflies and the potential of Project Psyche for lepidopteran genomics	Takuya Tsubota	Nataliia Kopchak	Daniel Pinos	Diversification in Alpine butterflies: from macroevolutionary patterns to microevolutionary processes	
9.45 - 10.10		Genomic analysis of silkworm w1 pnd strain for the development of novel transgenic and genome editing	The Most Genetically Diverse Butterfly in the New World Junonia: Unveiling the Haplotype Complexity of	Characterizing the olfactory system of Spodoptera exigua larvae		
10.10 - 10.35	Nicol Rueda	Donya Shodja	Karine Durand	Luca Livraghi	Wei Zhang	
	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	Evolution and diversification of mimicry and masquerade in butterflies	
10.35 - 11.15	active break and coffee	active break and coffee	active break and coffee	active break and coffee	active break and coffee	
11.15 - 11.40	Karin Nasvall	Keiro Uchino	Yubo Zhang	Lisa Schuart	Jean-Pierre Rossi	
	Genome Structure Evolution in Ithomiini Butterflies	Egg cooling after oviposition extends the permissive period for microinjection-mediated genome modification in <i>Bombyx mori</i>	Introgression Detection and Adaptive Impacts: Insights from Heliconius	Exploring the genetic basis of colour polymorphism in Apamea using museomics	A climate change winner: How warmer and brighter winters trigger the expansion of the pine processionary moth	
11.40 - 12.05	Arjen van 't Hof	Jasmine Alqassar	Carole Kerdelhue	Dequn Teng	Daniel Pinos	
	The origin of zygoty-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	Kynurenine 3-monooxygenase disruption by CRISPR/Cas9 in Spodoptera exigua: phenotype, microbial diversity, and fitness costs	
12:05 - 12:30	Atsuo Yoshido	James Pearce	Nathalie P.E.A. Ibsen	Astrid T. Groot	Cristina Crava	
	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	Dispersal ability shapes genomic response to habitat fragmentation in widespread “non-threatened” butterflies	Effects of parasitic infections in generalist and specialist moths	REPAT proteins as mediators of pathogen-insect-plant interactions in Spodoptera exigua	
12.30 - 13.00	lunch	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 Chair: Arjen van 't Hof	Poster session starting with short intro presentation and incl. coffee break		Session 5: Evo-devo Chair: Emmanuelle d'Alencon	Chair: Astrid and Sabine	
15.15 - 16.00	Keynote 2 - EMBO Young Investigator Lecture: Ines Drinnenberg			Keynote 6: Anyi Mazo-Vargas		
	Evolution of segregation and genome organization			Evolving Patterns: An Evo-Devo Exploration of Butterfly Wing elements		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
16.00 - 16.25	Hyerin An			David G. Heckel		
	Non-allelic homologous recombination drives sequence loss between transposable elements in smaller lepidopteran chromosomes	"Pupating projects" session (~15 min each): Nathalie P.E.A. Ibsen, Sabine Hänniger, Astrid Groot, David Heckel  Chair: Jamie Walters		An esterase affects pheromone components important for reproductive isolation between two closely related moth species	discussion continued/closing remarks	
16:25 - 17:05	active break and coffee			active break and coffee		
17:05 - 17:30	David G. Heckel			James Walters		
	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		
17.30 - 17.55	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		
17.55 - 18.20	Petr Nguyen					
	W sex chromosome: the last frontier in lepidopteran genomics					
19.00 ...	dinner	dinner		Cretan Night	dinner	