SCAPE 2023 CONFERENCE PROGRAMME

Thursday, October 19

16:00			Registration
			Belgian night (chair: Carolin Mayer)
18:30			Welcome
18:45	Arne Devriese	T1	Differential response of plant and insect pollinator communities to fragmentation in coastal dune slacks
19:00	Ivan Meeus	T2	AskBee: Tailoring garden planting to support bee conservation goals
19:15			Dinner
			Belgian night part 2 (chair: Carolin Mayer)
20:15	Guillaume Ghisbain	T3F	Wild bee conservation in Europe
20:22	Maarten Trekels	T4	Standardizing plant-pollinator data: the case of agricultural biodiversity
20:37	Natasha de Manicor	T5	Simultaneous warming disrupts plant-pollinator mutualisms
20:52	Louella Buydens	T6F	Bee pathogen prevalence within a biodiversity gradient
21:00			Belgian beer, sauna and bonfire

Friday, October 20

7:45			Breakfast
			Pollinators and flower traits (chair: Renate Wesselingh)
8:45	Océane Bartholomée	T7	Warm or bright, an exploration of the morphological traits explaining bumblebee habitat use
9:00	Felicitas Wolf	T8	Effects of altitude and land-use change on pollinator species diversity
9:15	Mathilde Dufay	K1	Evolution of floral traits mediated by pollinators
10:00			30 minute coffee break
			Nutrition and stressors (chair: Klaus Lunau)
10:30	Sara D. Leonhardt	T9F	Can we infer pollen quality and bee nutritional requirements from bee pollen loads?
10:37	Fabian A. Ruedenauer	T10F	Fatty acid profiles of pollen collected by different bee species
10:45	Marielle C. Schleifer	T11	Pollen fatty acids: perception, regulation and fitness effect on honey bees
11:00	Upuli I. Wickramaarachchi	T12	Effects of herbivory-induced stress on pollen quality and bee fitness
11:15	Alexandra Pardo-Domínguez	T13	Susceptibility to insecticides of commercial and wild *Bombus terrestris* subspecies and their hybrids
11:30			30 minute coffee break
12:00	Markus A. Kjær Sydenham	T14	Climatic conditions and landscape diversity predict plant-pollinator interactions and pollen deposition in bee-pollinated plants
12:15	Sangeetha Varma	T15	Dominance and identity of the dominant bee drive bee diversity on flowers
12:30	Olivia Bernhardsson	T16	The impact of honey bee density and apiary proximity on bumble bee foraging behavior depends on landscape-level forage availability
12:45	Bjørn A. Hatteland	T17	Bumble bee communities in open and overgrown heathlands in Western Norway
13:00	Samuel Boff	T18	Pollen diet of mason bees in agricultural areas with varying levels of organic farming

13:15			Lunch (13:30) and break
			Crops (chair: Ivan Meeus)
14:30	Sunayana Sajith	T19	Cost-effectiveness of alternative pollination strategies for strawberries in a protected cropping environment
14:45	Linn Vassvik	T20	Pollen deficits in Norwegian apple orchards
15:00	Paula Prucker	T21	Securing crop fruit set with biodiversity – the effect of wild floral resources on crop pollination under climate change
15:15	Clément Tourbez	T22	Variation in the pollen diet of managed bee species along climate gradient in agro-ecosystems
15:30	Lisa W. DeVetter	T23	Honey bee hive placement affects pesticide exposure but not pollination services in highbush blueberry systems
15:45			30 minute coffee break
			Flowers and Evolution (chair: Stein Joar Hegland)
16:15	Jeff Ollerton	T24	The pollination of flowers by birds: challenges for biologists
16:30	Guilermo Uceda Gómez	T25	Coping with altitude. Pollinator shifts across elevational gradients
16:45	Marianna Kaldra	T26	The 'marriage' of heterostylous plants gets more 'complicated' in an era of habitat loss and fragmentation
17:00	Katarzyna Roguz	T27	Flower coalition: integrated flower roles in Fritillaria persica inflorescence
17:15	Constantin Kopper	T28	Pollination syndromes in Melastomataceae, pollinator shifts and species richness explain patterns of disparity in an ancestrally buzz-bee pollinated family
17:30	Yedra Garcia	T29	Water deficit can change selection on floral traits: insights from the morning glory
17:45	Øystein H. Opedal	T30	The evolution of plant mating systems under fluctuating pollination reliability
18:00			Poster session (odd numbers)
19:00			Dinner
21:00			Sauna and bonfire

Saturday, October 21

7:30			Breakfast
			Conservation and management (chair: Maxime Eeraerts)
8:30	Carolin Mayer		JPE news
8:35	Marianne S. Torvanger	T31	Flower preference determines wild bee distributions along a latitudinal gradient
8:50	Laurian Parmentier	T32	Three-strip management: curved mowing as an innovative management method for perennial margins to enhance pollinator biodiversity
9:05	Reinier de Vries	T33	Pollinator responses to grassland productivity
9:20	Gabriella Bishop	T34	Bumble bees and solitary bees are limited by summer floral resources in agricultural landscapes
9:35			Quick break
			Conservation and management (chair: Maxime Eeraerts)
9:45	David Kleijn	K2	Does managing for pollination produce benefits for pollinator conservation?
10:30			30 min coffee break
			Botany and floral cues (chair: Marcos Mendez)
11:00	James D. Thomson	T35	How strong are links between pollination rates and plant demography?
11:15	Anna E-Vojtkó	T36	Reproductive form and function across South African Oxalis species
11:30	Felipe Torres-Vanegas	T37	Do pollinators exert phenotypic selection on floral traits in generalized plant-pollinator interactions? The case of Viscaria vulgaris.

11:45	Aarushi Susheel	T38	Insect communities in Italian *Arabis alpina* populations with diverging scent profiles
12:00	Jaakko O. Santeri Soininen	T39	*Geranium sylvaticum* maximizes pollination probability by sexually dimorphic flowers
12:15	Hanna Thosteman	T40	Floral scent and plant defence in *Arabis alpina*
12:30			Lunch and break
13:15			Break/walk
			Monitoring and conservation (chair: Jeff Ollerton)
14:30	Lucie Vézina	T41	Canadian bee-ecology and a changing climate: Distribution and diversity of solitary bees in Canada using DNA metabarcoding and community data
14:45	Aline C. Martins	T42	Contrasting patterns of foraging behavior in Neotropical stingless bees using pollen and honey metabarcoding
15:00	Susanne Butschkau	T43	Unveiling wild bee foraging preferences: Investigating pollen collection with visitation – and DNA-based networks across a land-use gradient
15:15	Will Glenny	T44	Plant selection for pollinator restoration in semi-natural ecosystems
15:30	Astrid E. Neumann	T45	Flower power is not enough: Which garden features affect pollinators in cities?
15:45	Kavya Mohan Nadumthottiyil	T46F	Pollen foraging by native social bees in a southern Indian habitat
15:52	Ola Olsson	T47F	Pollen analysis using automated image recognition and DNA barcoding compared
16:00			Coffee break
			Flower scent and color (chair: Paulo Biella)
16:30	Marketa Applova	T48	Floral economic spectrum traits are correlated with leaf traits: plants with "juicy" leaves usually have "juicy" flowers
16:45	Casper J. van der Kooi	T49	Flashy flowers: how glossy colours shine and confuse
17:00	Klaus Lunau	T50	Spectral purity or colour contrast as biologically relevant descriptors of flower colour signals for bees
17:15	Valerie Martin	T51	Scent emissions from a nectar yeast across different floral backgrounds and context-dependent effects of nectar yeast on bumblebee foraging behavior
17:30	Stuart Campbell	T52F	Strong and stable scent? Adaptive and nonadaptive drivers of floral volatile variation
17:40			Poster session 2 (even numbers)
19:00			Dinner
21:00			Sauna, bonfire and party

Sunday, October 21

8:00	Breakfast and goodbye
10:00	First bus to Namur
11:00	Second bus to Namur