



1st Sunflower-Pollinator interactions web conference Program





October 6th and 7th, 2021



1:00 PM – 5:00 PM (UTC)*

The International Sunflower Association/ISA, the Occitanie-Toulouse INRAE and the Forestry and Agricultural Biotechnology Institute/FABI are pleased to invite you to the 1st Sunflower-Pollinator interactions Web conference.





Please find below the program developed by the Scientific Committee, led by Professor Nicolas LANGLADE:

October 6th, 2021

	 Session 1		
13:00	Welcome and foreword	Olivier CATRICE/Etienne PILORGE	
13:10	 Newbees presentations		
13:10	Uyabongeka MEMELA	FABI Pretoria	The physiological effects of heat stress on anthesis and pollination in domesticated sunflowers.
13:20	Xavier BRITS	FABI Pretoria	Hoverflies (Diptera: Syrphidae) as pollinators of sunflowers in the Waterberg region area of Limpopo province, South Africa.
13:30	Questions and discussions		
	 Session 1	 Economy	
13:50	Nicola GALLAI	INRAE, Toulouse	TBD
14:25	Coffee and courriel Break		

	 Session 2	 Agronomy, Ecology and Environment	
	<i>Chairperson</i>	<i>Ben BLACKMAN</i>	
14:45	Stan CHABERT	University of Florida	Insect pollination is necessary to maximise seed yield and oil content in sunflower, but a low bee density is enough.
15:05	James DESAEGHER	Dynafor, INRAE Toulouse	Optimising spatial distribution of mass-flowering patches at the landscape scale to increase crop pollination.
15:25	Jarrad PRASIFKA	USDA	TBD
16:00	Sreten TERZIC	IFCV, Novi Sad	Past and ongoing trials oriented at improving the pollination efficiency by evaluating pollinators, plants and environment.
16:35	Questions and discussions		
17:05	End of the day		

October 7th, 2021

	 Session 3	 Physiology	
	<i>Chairperson</i>	<i>Jarrad PRASIFKA</i>	
13:00	Jennifer DECHAINED	Central Washington University	Floral trait architecture in crop sunflower (<i>Helianthus annuus</i>) under drought conditions under drought conditions.
13:20	Olivier CATRICE	LIPME, INRAE Toulouse	Heliopollen: Impact of Drought Stress on Sunflower's Attractivity to Pollinators.
13:40	Nicky CREUX	FABI, Pretoria	Sunflower Anthesis: The delicate balancing act of climate control.
14:10	Questions and discussions		
14:40	Coffee and email Break		
	 Session 4	 Genetics	
	<i>Chairperson</i>	<i>Nicky CREUX</i>	
15:00	Carine MARSHALL	UC Berkeley	Daily rhythms of sunflower anthesis are coordinated by the circadian clock.
15:20	Marco TODESCO	UBC Vancouver	UV patterns in wild sunflowers: one gene and two functions.
15:55	Srinidhi HOLALU	UC Berkeley	TBD
16:30	Questions and discussions		
17:00	OCL review and suite		
17:10	Conclusion		
17:20	End of the conference		

FREE OF CHARGE- Registration: <https://www.weezevent.com/1st-sunflower-pollinator-interactions-web-conference>

***15:00–19:00 Beograd, Pretoria, Paris; 16:00–20:00 Ankara, Kiev, Sofia, Bucharest, Chisinau; 21:00–01:00 Beijing, Ulan Bator; 09:00–13:00 Miami, Atlanta; 06:00–10:00 Sacramento, Vancouver**