

# Scientific Program

## Monday 8th September

3:00-5:30 PM	Registration
6:00-8:00 PM	Welcome cocktail

## Tuesday 9<sup>th</sup> September

8:30 AM	Registration
9:00 AM	Introduction and welcome address - J.P. Michaud
9:10-9:50 AM	<b>Keynote by Alberto Urbaneja García:</b> "Advancements in plant-aphid interactions: exploring the role of induced defense signals for enhanced resistance"
	<b>Scientific session: Landscape Studies</b>
9:50-10:10 AM	<b>Mengxiao Sun:</b> “Abundance of aphid natural enemies on flowering service plants is associated with aphid prey and floral resources”
10:10-10:30 AM	<b>Shuangshuang Jia:</b> “Effects of woody and herbaceous habitat on aphids and natural enemies during aphid population buildup, peak, and decline in cotton”
10:30-10:50 AM	<b>Blas Lavandero Icaza:</b> “Landscape complexity modulates the effects of local management on two aphid pests and their natural enemies”
10:50-11:20 AM	Coffee Break
11:20-12:00 AM	<b>Keynote by Jen White:</b> "Aphidophagous communities respond to intraspecific variation in aphid defense"
12:00-12:20 PM	<b>Jessica Fraser:</b> “Effects of sweet alyssum strips on aphid populations and their natural enemies in conventional field lettuce production”
12:20-12:40 PM	<b>Mary Gardiner:</b> “Does greening vacant land influence recruitment of native and alien Coccinellidae?”
12:40-1:00 PM	<b>Xavier Pons:</b> “Influence of local and landscape characteristics on the alfalfa aphids and their main natural enemies: the spring season”
1:00 - 2:30 PM	Lunch
2:30-3:10 PM	<b>Keynote by Kristopher Giles:</b> "Disruption of biocontrol based IPM cereal systems in the US"
	<b>Scientific session: Aphidophaga in IPM</b>
3:10-3:30 PM	<b>Francesco Lunardelli:</b> “Essential oils: A lucky double-edged sword for aphids and hoverflies”
3:30-3:50 PM	<b>Léa Poirier:</b> “Biocontrol or bio-oops: letal and sublethal effects of surfactin on crop pest and crop auxiliaries”
3:50-4:10 PM	<b>Roberto Rosamilia:</b> “Trophic transfer of fipronil and its effects on <i>Cucurbita pepo</i> , <i>Aphis gossypii</i> , and the parasitoid <i>Aphidius colemani</i> ”

4:10-4:40 PM	Coffee Break
4:40-5:00 PM	<b>Mohammed Alabbasi:</b> “Unlocking the bioprotection potential of wool”
5:00-5:20 PM	<b>Mst Atikunnaher:</b> “Integrated Pest Management of willow carrot aphid ( <i>Cavariella aegopodii</i> )”
5:20-5:40 PM	<b>Eleonora Fabris:</b> “Chemical alarm signalling in <i>Dysaphis plantaginea</i> : characterization and ecological implications”
6:30-8:00 PM	<b>Bologna City Tour</b>

## Wednesday 10<sup>th</sup> September

	<b>Free morning</b>
2:00-11:30 PM	<b>Excursion and social dinner</b>

## Thursday 11<sup>th</sup> September

9:00-9:40 AM	<b>Keynote by Megha N. Parajulee:</b> "Aphidophagy in cotton agroecosystems: Cropping system diversification and conservation biological control for cotton aphid population suppression"
	<b>Scientific session: Aphidophaga in IPM</b>
9:40-10:00 AM	<b>Shuangshuang Jia:</b> “Intercropping cotton with wheat or maize enhances biological pest control in cotton”
10:00-10:20 AM	<b>Kay Moisan:</b> “Combining macrobial and microbial biological agents to control aphids in integrated pest management strategies”
10:20-10:40 AM	<b>Wopke van der Werf:</b> “Ladybeetle dispersal from adjacent wheat or maize fields into cotton enhances biological control of cotton aphid”
10:40-11:00 AM	<b>Nina Haas:</b> “Preliminary results of inundative release of beneficial insects in apple orchard”
11:00-11:30 AM	Coffee Break
11:30-12:10 AM	<b>Keynote by J.P. Michaud:</b> "Reciprocal synergism between plant resistance traits and biological control of aphids on annual crops"
12:10-12:30 AM	<b>Kalliopi Arkoumanea:</b> “Successful integration of macrobial and microbial biological control agents against the cannabis aphid, <i>Phorodon cannabis</i> ”
12:30-12:50 AM	<b>Oldřich Nedvěd:</b> “Specialist versus generalist predators – a review”
12:50-2:30 PM	Lunch
	<b>Scientific session: Coccinellids</b>
2:30-3:10 PM	<b>Keynote by Maria Angeles Marcos García:</b> "Hoverflies as key players in integrated aphid control"

3:10-3:30 PM	<b>John Slogget</b> “Habitat preference and intraguild predation of the 5-spot ladybird, <i>Coccinella quinquepunctata</i> ”
3:30-3:50 PM	<b>J.P. Michaud:</b> “Modelling the evolution of cannibalism in Coccinellidae with life tables”
3:50-4:10 PM	<b>Oldřich Nedvěd:</b> “Quantification of toxicity of <i>Harmonia axyridis</i> ”
4:10-4:40 PM	Coffee break
4:40-5:00 PM	<b>Audrey A. Grez:</b> “Spatio-temporal variability of aphidophagous coccinellid communities and aphids in agricultural landscapes”
5:00-5:20 PM	<b>Rik Lardinois:</b> “Sequestration of prey chemicals for defence by ladybird beetles (Coleoptera: Coccinellidae)”
5:20-5:40 PM	<b>Naoya Osawa:</b> “Bet-hedging and context-dependent maternal resource allocation via unhatched smaller eggs in the ladybird beetle <i>Harmonia axyridis</i> ”
5:40-6:00 PM	<b>Anaïs Sion:</b> “Sexual communication in coccinellids: mechanisms, triggers, and evolutionary conservation”

## Friday 12<sup>th</sup> September

9:00-9:40 AM	<p><b>Keynote by Gerben Messelink:</b> "Preventive strategies for biological control of aphids in greenhouse crops"</p> <p><b>Scientific session: Aphidophaga in IPM</b></p>
9:40-10:00 AM	<b>Long Yang:</b> “Ecologically based management of cotton aphid in China”
10:00-10:20 AM	<b>Ainara Peñalver-Cruz:</b> “Resource availability in apple orchards: Key for understanding parasitoid-pest interactions”
10:20-10:50 AM	Coffee break
	<b>Scientific session: Aphidophaga parasitoids</b>
10:50-11:10 AM	<b>Nickolas Kavallieratos:</b> “The role of lateralization in the successful copulation of <i>Praon volucre</i> ”
11:10-11:30 AM	<b>Sabrina Celis:</b> “Impact of the hyperparasitoid <i>Alloxysta brevis</i> on <i>Aphelinus certus</i> , a natural enemy of the soybean aphid”
11:30-11:50 AM	<b>Kelley Tilmon:</b> “A historical consideration of the aphid parasitoid work of Maud Doria Haviland”
11:50-12:10 AM	<b>Nina Vázquez:</b> “Further development of sampling plans for aphid natural enemies in grain sorghum”
12:10-12:30 PM	Concluding remarks - <b>Kris Giles and Nickolas Kavallieratos</b>
12:40-1:00 PM	<b>Closure and farewell</b>
From 1:00 PM	<b>Light Lunch</b>



# ECOLOGY OF APHIDOPHAGA 16

8<sup>th</sup>-12<sup>th</sup> September 2025 BOLOGNA

Patronage



Partners

