



MONDAY - SEPTEMBER 7TH, 2015

17:30-18:40 Arrivals & registration. [Presentation of the Hirox 3D Full HD Digital Microscope](#)

18:45-19:30 [Welcome reception sponsored by Agrobio](#)

TUESDAY - SEPTEMBER 8TH, 2015

08:00-09:00 Registration

08:45-09:00 Opening

09:00-10:00 Plenary Lecture: [Francisco Ferragut](#)
Taxonomy and biological control: a fruitful symbiosis

10:00-10:20 [Coffee break 1 sponsored by Bayer Crop Sciences](#)

Session 1: Mite Biology

10:20-10:40 Predatory mite mothers prime their offspring to behave more optimally in intraguild predation environments. *Michael Seiter, Peter Schausberger*

10:40-11:00 Benefits and costs of early learning in foraging predatory mites *Amblyseius swirskii*. *Inga C. Christiansen, Peter Schausberger*

11:00-11:20 Male body size effects on mating behaviour and paternity success in polyandrous *Phytoseiulus persimilis* and *Neoseiulus californicus*. *Andreas Walzer, Masahiro Osakabe, Yasumasa Murata, Peter Schausberger*

11:20-11:40 Effects of abiotic conditions on interactions among three predators of *Tetranychus urticae* (Acarina: Tetranychidae). *Pablo Urbaneja-Bernat, Ernestina Aguilar-Fenollosa, Maria Metaxa, Marta Montserrat, Josep A. Jaques*

11:40-12:00 Are larger phytoseiids better biocontrol agents? *Dominiek Vangansbeke, Luc Tirry, Patrick De Clercq*

12:00-12:20 UVB-induced DNA damage and photoenzymatic repair in two-spotted spider mite, *Tetranychus urticae*. *Murata Yasumasa, Osakabe Masahiro*

12:20-13:50 [Lunch break](#)

Session 2: Biological Control

14:05-14:20 Presentation of IOBC activities. *Rosemary Collier (liaison of the IOBC WG ICPFM)*

14:20-14:40 Biology and control of bulb-scale mite (*Steneotarsonemus laticaps*). *Rosemary Collier*

14:40-15:00 Biological control of spider mites in roses with *Phytoseiulus longipes* and different stages of *P. persimilis*. *Arnon Tabic, Nati Weinblum, Arnon Allouche, Shimon Steinberg*

15:00-15:20 Biological control of mites affecting *Carica papaya* in Florida. *Sabyan Faris Honey, Rita E. Duncan, Leonardo Alvarez Rios, Jorge E. Peña, Daniel Carrillo*

15:20-15:40 Phytophagous and predatory mites in the soybean-cowpea cropping systems in Brazil - associations could promote sustainability? *Denise Navia, Ranyse Barbora Querino Da Silva, Ritanne de Souza Nery, Rafaell Vivian, Francisco Ferragut*

15:40-16:00 Augmentative and conservation biological control against the two-spotted spider mite *Tetranychus urticae* in citrus. *Cristina Navarro-Campos, Altea Calabuig, Aleixandre Beltrà, María José Ramirez, Antonia Soto, Ferran Garcia-Mari, Felix Wackers, Apostolos Pekas*

16:00-16:20 [Coffee break 2 sponsored by Bayer Crop Sciences](#)

16:20-16:40 Which predatory species should take credit for the biological control of *Tetranychus urticae* in citrus? *Tatiana Pina, Consuelo Pérez-Sayas, María A. Gómez-Martínez, Gemma Camañes, María V. Ibáñez-Gual, Josep A. Jaques, Mónica A. Hurtado*

16:40-17:00 A study case on the effect of germination polarity of two strains of *Beauveria bassiana* conidia on *Neoseiulus californicus* and *Tetranychus urticae*. *Donatella Goggioli, Franca Tarchi, Silvia Guidi, Elena Gagnarli, Sauro Simoni*

17:00-17:20 Evaluation of *Isaria fumosorosea* efficacy for the control of spider mites. *Rostislav Zemek*

17:20-18:20 **Poster session**



WEDNESDAY - SEPTEMBER 9TH, 2015

09:00-10:00	Plenary Lecture: Marta Montserrat Food Web Engineering (FWE): using ecology and evolutionary sciences to reduce uncertainty in biological pest control.
10:00-10:20	Coffee break 3 sponsored by Bayer Crop Sciences
Session 3: Phytoseiid alternative food and biological control	
10:20-10:40	The use of <i>Typha angustifolia</i> (cattail) pollen to establish the predatory mites <i>Amblyseius swirskii</i> , <i>Iphiseius degenerans</i> , <i>Euseius ovalis</i> and <i>Euseius gallicus</i> in glasshouse crops. <i>Juliette Pijnakker, Yves Arij, Amandine de Souza, Marion Cellier, Felix Wäckers</i>
10:40-11:00	Effects of supplemental food and habitat structural complexity on generalist predatory mites inhabiting grapevine. <i>Alberto Pozzebon, Gregory M. Loeb, Carlo Duso</i>
11:00-11:20	Complementary diets for predatory mites to improve biocontrol on vegetable crops. <i>Enric Vila, El Bachir Salman, Anabel Parra</i>
11:20-11:40	Bringing the idea of top layers for supporting predatory mites into practice: experiences from various greenhouse cropping systems. <i>Gerben J. Messelink, Chantal Bloemhard, Renata van Holstein-Saj, Ada Leman</i>
11:40-12:00	Identifying and evaluating plant feeding phytoseiids for pest control in orchard systems - a tricky business. <i>Sharon Warburg, Shira Gal, Eric Palevsky</i>
12:00-12:20	Unexpected diversity in herbivore pests: insight into genetics, habitat and distribution of grass-associated eriophyoid mites. <i>Anna Skoracka, Agnieszka Kiedrowicz, Mariusz Lewandowski, Wiktoria Szydło, Maria Judite Alves, Luis Filipe Lopes, Frank Rabenstein, Lechosław Kuczyński</i>
12:20-14:00	Lunch break
14:00-20:00	Excursion: bus leaving from the bus station in front of hotels Luz and Euro Hotel at 15:30 and getting back there at 00:00. Visit includes a winery (http://www.barondalba.com/va/), a tomato farm (http://www.masdelsfumeros.com/) and finally dinner at La Pelejaneta (http://lapelejaneta.net/)
20:30-24:00	Gala Dinner

THURSDAY - SEPTEMBER 10TH, 2015

09:00-10:00	Plenary Lecture: Maria Navajas Plant pest Invasions: Colonization, impact, predictions and management
10:00-10:20	Coffee break 4 sponsored by Bayer Crop Sciences
Session 4: Other sustainable approaches against mite pests	
10:20-10:40	Conspecific-induced systemic resistance to <i>Tetranychus urticae</i> in citrus is transmitted by grafting and mediated by mobile amino acids. <i>Blas Agut, Jordi Gamir, Josep A. Jaques, Victor Flors</i>
10:40-11:00	Effects of plant water stress on toxicity of essential oils to <i>Tetranychus urticae</i> . <i>Sotiroulla Laoutari, Antonios Chrysargyris, Vassilis Litskas, Menelaos Stavrinos, Nikolaos Tzortzakos</i>
11:00-11:20	Spider mite management using UVB in greenhouse. <i>Masahiro Osakabe</i>
11:20-11:40	Sublethal effects of fenpyroximate on the consumption of <i>Tetranychus urticae</i> by <i>Scolothrips longicornis</i> . <i>Hajar Pakyari</i>
11:40-12:00	Consequences of Asian citrus psyllid intensive insecticide management strategies on phytoseiid mite assemblages. <i>César Monzó, Philip A. Stansly</i>
12:00-12:20	Decision-support tools for determining when chemical control programs are needed to supplement naturally-occurring biological control for spider mites in California almonds. <i>David Haviland</i>
12:20-14:00	Lunch break
14:20-15:00	Poster session
15:00-16:00	Plenary Lecture: Mike Grbić Next generation technologies for spider mite pest control: how spider mite genome project is changing approaches to control of phytophagous mites
16:00-16:20	Coffee break 5 sponsored by Bayer Crop Sciences
16:20-16:40	Conclusion and outlook. Research priorities and future cooperation

N° Panel

POSTERS

- 201 Assessing environmental risk of an exotic biocontrol agent: direct effects of *Amblydromalus limonicus* on the native phytoseiids *Euseius finlandicus* and *E. stipulatus*. Konstantinos Samaras, Maria L. Pappas, George D. Broufas
- 202 Strain-specific cold tolerance of the predatory mite *Amblydromalus limonicus*. Lena Dittmann, Andreas Walzer, Peter Schausberger
- 203 *Euseius gallicus*: evidence of thrips egg predation by a phytoseiid predator. Dominiek Vangansbeke, Dieter Robyn, Johan Witters, Luc Tirry, Patrick De Clercq
- 204 Can we get phytoseiids to like *Echinothrips americanus*? Dominiek Vangansbeke, Emilie Van Doren, Luc Tirry, Patrick De Clercq
- 205 Acaricidal and sublethal effects of microbial biopesticide spinosad on two-spotted spider mites (Acari: Tetranychidae). Irena Medo, Dejan Marčić
- 206 Thermal constraints shaping the potential distribution of economically important mite pests (Eriophyidae) of wheat. Lechosław Kuczyński, Agnieszka Kiedrowicz, Brian Rector, Anna Skoracka
- 207 Spider mites and predatory mites (Acari: Tetranychidae, Phytoseiidae) on plum, cherry plum and blackthorn (*Prunus* spp.) in Serbia. Bojan Stojnić, Katarina Mladenović, Ivana Marić, Dejan Marčić
- 208 Abiotic conditions modify the trophic structure in the predator-prey avocado mite community. Inmaculada Torres-Campos, Rosa M. Sahún, Marta Montserrat
- 209 Preliminary results of *Beauveria bassiana* (Bb024) use for the biological control of big bud mites -*Phytoptus avellanae* (Acari: Eriophyidae: *Pytoptus*). Tea Abramishvili, Medea Burjanadze
- 210 How abiotic conditions affect interactions among three predators of *Tetranychus urticae* (Acarina: Tetranychidae) in young clementine plants. Pablo Urbaneja-Bernat, Ernestina Aguilar-Fenollosa, María Metaxa, Marta Montserrat, Josep A. Jaques
- 211 A new molecular tool to broaden our knowledge on mite trophic interactions. María A. Gómez-Martínez, Tatiana Pina, Josep A. Jaques, Mónica A. Hurtado
- 212 When the ground cover brings guests: is *Anaphothrips obscurus* a friend or a foe in the biological control of *Tetranychus urticae* in citrus? María A. Gómez-Martínez, Josep A. Jaques, Tatiana Pina
- 213 Innovative small-scale rearing methods for controlling mite pests with native predatory mites in tropical high elevation strawberry. Gerdeman Beverly, Garcia Phin, Tanigoshi Lynell
- 214 Comparing the potential of *Amblydromalus limonicus* strains to overcome abiotic resistance of Austrian ecosystems under climate warming scenarios. Andreas Walzer, Lena Dittmann, Peter Schausberger
- 215 Plant feeding mite *Euseius gallicus* Kreiter & Tixier: a new predator of high sustainability in glasshouse roses. Juliette Pijnakker, Yves Arijis, Amandine de Souza, Felix Wäckers
- 216 Combined use of *Amblyseius swirskii* and predatory mirids in sweet pepper crops. Sarra Bouagga, Alberto Urbaneja, Josep A. Jaques, Meritxell Pérez-Hedo