
European PhD Network "Insect Science" - IX Annual Meeting

14-16 November 2018, Scuola di Agraria – University of Firenze

PROGRAM

Wednesday 14 November 2018

- 14:00 **Registration**
- 15:00 **Welcome address**
- Senior scientist lecture**
- 15:10 S. Moricca – University of Firenze
Thousand canker disease moves south of the northern Apennines
- Oral Presentations**
- 15:40 C. Aglietti – University of Firenze
Real-time loop-mediated isothermal amplification: an early-detection tool for monitoring *Ceratocystis platani*
- 16:00 A. Andreani – University of Firenze
Study of Diptera Hippoboscidae of the genus *Lipoptena*, parasites of ungulates, and morphological and bioecological investigations on *L. fortisetosa*, a new species for Italy
- 16:20 M. A. Arif – University of Palermo
Benzophenone as a primary mediator in host preference behavior of *Bagrada hilaris*
- 16:40 E. Barra – University of Napoli “Federico II”
RNAi-mediated immune suppression of pest insects to enhance the impact of their natural antagonists
- 17:00 **Coffee break**
- Oral Presentation**
- 17:30 A. Becchimanzi – University of Napoli “Federico II”
A *Varroa destructor* salivary chitinase is involved in the regulation of infested honeybee pupae
- 17:50 **Poster Presentations**
- A. Gugliuzzo - University of Catania
***Xylosandrus compactus* (Eichhoff): a serious threat to Carobs in Sicily**

 - F. Ronchetti - University of Milano
***Wolbachia* endosymbionts in velvet ants: a preliminary analysis of occurrence and variability**

 - G. Sperandio - University of Brescia
Beekeeping and honey bees: a conceptual framework for the classification of beekeeping management practices implemented in Europe

Event Planet Srl

Contact: Marina Morra

Tel. +39 081.5529399 - marina.morra@eventplanet.it

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Thursday 15 November 2018

- 09:00 **Senior scientist lecture**
D. Giron – University of Tours
Molecular mechanisms underlying intricate plant-insect-microbe interaction in plant-manipulating *Gracillariidae*
- Oral Presentations**
- 09:40 G. Bigiotti – University of Firenze
Managing *Bactrocera oleae* endosymbiont *Ca. E. dacicola* in lab rearing: practical aspects for S.I.T. improvements
- 10:00 M. Bonelli – University of Milano
Characterization of *Hermetia illucens* (Diptera: Stratiomyidae) larval midgut
- 10:20 I. Castellan – Free University of Bozen - Bolzano
Identification of volatiles released by fruit-associated yeasts for the biocontrol of *Drosophila suzukii*
- 10:40 C. Di Domenico – University of Molise
Evaluation of the biological activity of some essential oils against the meadow spittlebug *Philaenus spumarius*
- 11:00 **Break**
- Talk of SIPAV prize for young plant pathologists**
- 11:30 E. Battiston – University of Firenze
Innovative delivery of Cu(ii) ions by a nano-structured hydroxyapatite to enhance the sustainable control of *Plasmopara viticola*
- Oral Presentations**
- 12:00 T. Fekensa – University of Molise
Assessing Lepidopteran Biodiversity along various land use types in Mounts Choke, Ethiopia
- 12:20 P. Forlano – University of Basilicata
Preliminary studies on the effects of high temperatures on some aphid life history traits and on aphid-parasitoid interactions
- 12:40 D. Frizzera – University of Udine
mTOR and honey bee health: a lab study
- 13:00 **Lunch**
- 14:30 **Senior scientist lecture**
F. Nazzi – University of Udine
One plus one does not make two. The interactive effect of multiple factors on bee health
- Oral Presentations**
- 15:10 G. Jesu – University of Napoli "Federico II"

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The *Bactrocera oleae* (Rossi) (Diptera: Tephritidae) problem: the solution seems to be in its own mid-gut

15:30 S. Lioy – University of Torino

Vespa velutina in Italy: a modelling approach to predict the new annual colonized area and improve management practices

15:50 G. Molinatto – University of Torino

Innov'api: innovative practices for a sustainable beekeeping

16:10 A. Negri – “La Sapienza” University of Roma

Antisense oligonucleotides for the ABC-transporter in *Anopheles stephensi*: from gene silencing to vector control

16:30 **Break**

Oral Presentations

17:00 D. Palermo – University “Mediterranea” of Reggio Calabria

Citrus peel essential oil nano-formulations: bioactivity against *Tribolium confusum* (Coleoptera: Tenebrionidae)

17:20 M. Parrilli – University of Bologna

The use of habitat management and elicitors to improve biological control in vineyard

17:40 E. C. Pierattini – University of Pisa

You must know your enemy to cope with it: the newly introduced fig weevil *Aclees* sp. cf. *foveatus*

18:00 M. Preti – Free University of Bozen - Bolzano

Cydia pomonella (Lepidoptera: Tortricidae) monitoring with lures implemented by acetic acid still needs an improvement in Italy

Friday 16 November 2018

09:00 **Senior scientist lecture**

D. Bosco – University of Torino

Ecology and phenology of spittlebug vectors of *Xylella fastidiosa*

Oral Presentations

09:40 D. Scaccini – University of Padova

Damage of *Halyomorpha halys* (Stål), *Thyanta pallidovirens* (Stål), and *Leptoglossus zonatus* (Dallas) on pistachio nuts in different period of the season in California

10:00 L. Sire – University of Tours

DNA metabarcoding to quantify the response of insect diversity to mountain forest die-offs in the French Pyrenees

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- 10:20 G. Sperandio – Free University of Brescia
Physiologically-Based Demographic Models for assessing the impact of invasive alien species in the light of climate change: a case study on *Ceratitis capitata*
- 10:40 L. Tonina – University of Padova
Susceptibility of grapevine cultivars to *Drosophila suzukii* Matsumura (Diptera: Drosophilidae) infestation in field and in drying loft
- 11:00 **Coffee break**
Talk of SEI Binaghi prize for young entomologists
- 11:30 D. Cornara - CSIC Madrid, Spain
Transmission mechanism of *Xylella fastidiosa*: known, unknown, ongoing
- 12:10 **Discussion on PhD education and future careers**
- 12:45 **Meeting closure**



MEETING VENUE

Università degli Studi di Firenze
Scuola di Agraria
Piazzale delle Cascine, 18
50144 Florence