

---

## 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

---

## European PhD Network "Insect Science" - IX Annual Meeting

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

### 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 **Coffee 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**

---

## European PhD Network "Insect Science" - IX Annual Meeting

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

### Oral Presentations

- 15:10 G. Jesu – University of Napoli “Federico II”  
**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 **Coffee 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

---

Event Planet Srl

Contact: Marina Morra

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

---

## European PhD Network "Insect Science" - IX Annual Meeting

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

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

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**

11:30 G. Magoga – University of Milano

**Is DNA barcoding a promising tool for Chrysomelidae identification?**

**Developing data and testing its efficiency on Euro-Mediterranean species**

**Talk of SEI Binaghi prize for young entomologists**

11:50 D. Cornara - CSIC Madrid, Spain

**Transmission mechanism of *Xylella fastidiosa*: known, unknown, ongoing**

12:30 **Discussion on PhD education and future careers**

13:00 **Meeting closure**

---

**Event Planet Srl**

Contact: Marina Morra

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