

HONEY BEE HEALTH SYMPOSIUM 2019: “New approaches to HB health”

Rome, 13-15th Feb 2019

Note: first 2 days of symposium in meeting room + the 3rd day (optional) of technical tour (visit to a professional beekeeper’s facilities nearby Rome)

Hotel Palatino, Via Cavour 213, Rome

13 February 2019

07.45 Registration and set-up of poster exhibition

8.30 – 9.10 Opening Session

Chairs: Riccardo Jannoni-Sebastianini (Apimondia) and Giovanni Formato (IZSLT)

08.30 *Welcome from organizers*

Italian Ministry of Health – *Silvio Borrello*

Istituto Zooprofilattico Sperimentale del Lazio e della Toscana (IZSLT) - *Ugo Della Marta*

Apimondia - *Peter Kozmus*

8.50 *Welcome from supporting organizations*

FAO (Food and Agriculture Organization) - *Berhe Tekola*

Italian Ministry of Agriculture – *Alessandra Pesce*

Italian Ministry of Environment – *Carlo Zaghi*

9.10–10.10 Plenary Session: “An overview of the Honey Bee Pathologies in 2019”

9.10 - 9.30 - Michele Mortarino: “EU Honey Bee Health perspectives”

Veterinary Faculty, University of Milan.

9.30 – 9.50 Jeff Pettis: “Extra-EU Honey Bee Health perspectives”

Apimondia

9.50 – 10.10 Juan Lubroth: “FAO perspectives on honey bees in terms of animal health and food security”

FAO - Animal Production and Health Division (AGA)

10.10 – 10.30 Discussion

10.30 Coffee break

11.00 – 14.50 Session “Good Beekeeping Practices - GBPs”

11.00 “Pre-clinic indicators as innovative tools to guarantee honey bee health, in the context of the Era—Net project: *BPRACTICES*” - Giovanni Formato (IZSLT)

11.20 - “HIVELOG and the Internet of Things – IoT” - Flemming Vejsnaes (Danish Beekeeping Association DBA, Denmark)

11.40 – 12.00 Discussion on “GBP”

12.00 – 13.00 *Scientific contributions on “Good Beekeeping Practices” (part I)*

13.00 Lunch

14.30 – 14.50 *Scientific contributions on “Good Beekeeping Practices” (part II)*

14.50 – 17.20 Session “Aethina tumida – The Small Hive Beetle (SHB)”

Chair: Marc Oliver Schafer (Aethina tumida -Small hive beetle- OIE Reference Laboratory) and Andrea Maroni Ponti (Ministry of Health)

14.50 “Updates on the activities of the COLOSS Small Hive Beetle Taskforce” Peter Neumann (University of Bern)

15. 10 “Small hive beetle invasion in EU” (Franco Mutinelli – National Reference Laboratory for Apiculture, Italy)

15.30 – 15.50 Discussion on “*Aethina tumida* – The Small Hive Beetle (SHB)”

15.50 – 16.10 Coffee break

16.10 – 17.10 Scientific contributions on “SHB”

17.10 – 17.20 *Discussion on “SHB”*

17.20 – 17. 50 Practical demonstrations:

“HiveTracks: Using Free and Open Software to Harmonize the Worlds Bee Data, Guide Beekeepers to Best Practices and Build a Genius Hive” (Joseph Cazier and James Wilkes – Appalachian State University - USA)

14 February 2019

9.00 – 13.00 Session “Main HB diseases”

Chair: Jeff Pettis (Apimondia) and Benjamin Dainat (Agroscope)

9.00 – 9.20 “Varroa resistant Honey Bees”, Benjamin Dainat (Agroscope)

9.20 – 9.40 “Updates on *Nosema ceranae*” Mariano Higes and Raquel Martín-Hernández (Centro de Investigación Apícola y Agroambiental de Marchamalo)

9.40 – 10.00 “Diagnosis and control of AFB and EFB”, Emanuele Carpana (CRA-Api)

10.00 – 10.20 “Hive debris (ring tests) to diagnose AFB, EFB, Nosema spp. And SHB”, Antonella Cersini (IZSLT) and Antonia Griesbacher (AGES)

10.20 – 10.40 EMA representative (to be defined by Macri)

10.40 – 10.50 *Discussion on “Main HB diseases”*

10.50 – 11.10 Coffee break

11.10 – 12. 30 Scientific contributions on “Main HB diseases”

12.30 – 13.00 *Discussion on “Main HB diseases”*

13.00 Lunch

14.30 – 16.50 Session “Honey bees, environmental pollution and pesticides”

Chairs: Diego Pagani (Apimondia) and Alberto Masci (Ministry of Agriculture)

14.30 – 14.50 “Honey Bees as indicators of sustainable use of pesticides”, Valter Bellucci and Pietro Bianco (ISPRA)

14.50 – 15.10 Using pollen to monitor pesticide environmental pollution with a citizen scientist approach: the INSIGNA project (Sjef van der Steen, Alveus AB Consultancy)

15.10 - 15.20 *Discussion on “Honey bees, environmental pollution and pesticides”*

15.30- 15.40 *Coffee break*

15.40 – 16.40 Scientific contributions on “HB, environmental pollution and pesticides”

16.40 – 16.50 *Discussion on “HB, environmental pollution and pesticides”*

16.50 – 17.20 *Practical demonstrations*

- Innovative methods to assist beekeepers in controlling *Varroa destructor*: “Treat in time” (Pasquale Rombolà and Marco Pietropaoli - IZSLT)
- Innovative, non-invasive pollen sampling methods (Giulio Loglio – Veterinarian; Sjef van der Steen – Alveus AB Consultancy;)

17.20 – 17.30 Conclusions of the Honey Bee Health symposium 2018 from organizers

(IZSLT – Ugo Della Marta, Apimondia – Peter Kozmus and Riccardo Jannoni-Sebastianini)

15 February 2019 (optional)

Technical tour in collaboration with professional beekeepers

Local organizer: Marco Pietropaoli (IZSLT)

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