



SEPTEMBER 24th, 2025 – Wednesday

HALL A2

14:30 – 16:30

SYMPOSIUM / BEEKEEPING TECHNOLOGY & QUALITY

Tool Development for Fraud Fight in Bee Products-1

14:30 – 14:45

Honey Fraud: What Should We Know?

Wan Iryani Wan Ismail – *Malaysia*

14:45 – 15:00

Chemical Fingerprinting of Honey - Quality, Origin and Authenticity control

Mathias Lundgren – *Sweden*

15:00 – 15:15

Detection of Economically Motivated Adulteration in Honey Using Untargeted Liquid Chromatography-Mass Spectrometry and Chemometrics

Jule Hansen – *Germany*

15:15 – 15:30

Near-infrared spectroscopy and isotope ratio mass spectrometry for Honey authenticity

Giovanna Esposito – *Italy*

15:30 – 15:45

Orbitrap HR-MS Based Metabolomic Strategies For Seamless Determination of Honey Fraud

Özge Erdem – *Turkey*

15:45 – 16:00

Toward the ultimate assay for honey authentication: combining multi-dimensional DNA sequencing data with multi-platform physical-chemical and isotopic d13C analyses

Luca Fontanesi – *Italy*

16:00 – 16:15

Advancing Bee Product Quality and Authenticity Assessment with NMR Technology

Lea Heintz – *Switzerland*

16:15 – 16:30

Forensic melissopalynology: is pollen in honey fit for court?

Janaïs Delport – *South Africa*

SEPTEMBER 24th, 2025 – Wednesday

HALL A2

17:00 – 18:30

SYMPOSIUM / BEEKEEPING TECHNOLOGY & QUALITY

Tool Development for Fraud Fight in Bee Products-2

17:00 – 17:15

Adulterated honey: fake or real news?

Jorge Caceres – *Spain*

17:15 – 17:30

Toward the development of an easy, fast and reliable screening method for the detection of adulterated honeys: first results of a European study

Marco Ciulu – *Italy*

17:30 – 17:45

Methods for Authenticity Verification of Chilean Honey: Stable Isotopic Techniques and Their Connection to Botanical Origin and Bioactive Compounds

Enrique Mejias – *Chile*



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- 17:45 – 18:00 Exploring formation of turanose in honey via stable isotope labelling and high-resolution mass spectrometry analysis
Xiaofeng Xue – *China*
- 18:00 – 18:15 Mannose in Eucalyptus honey from Uruguay: should it be considered as an indicator of possible adulteration?
Lucía Almeida Kutscher – *Uruguay*
- 18:15 – 18:30 HoneyTrace - Using Blockchain Technology to trace Honey from the Jar back to the Hive
Klaus Beckmann – *Germany*

SEPTEMBER 25th, 2025 – Thursday

AUDITORIUM 15 SYMPOSIUM / BEEKEEPING TECHNOLOGY & QUALITY 11:00 – 13:00 Bee Products Quality, Safety and Standardization

- 11:00 – 11:15 Evaluation of total phenolic compounds profile and antioxidant activity of propolis extracts: effect of extraction solvent
Ghaida Mustafa – *United Kingdom*
- 11:15 – 11:30 Analysis of aroma-active compounds in propolis from different climate regions in Croatia and Bavaria
Astrid Sarapa – *Germany*
- 11:30 – 11:45 Influence of Bee Nutrition on Royal Jelly Quality
Sampat Ghosh – *Republic of Korea*
- 11:45 – 12:00 Absolute Quantification of Major Royal Jelly Protein Variants and Simultaneous Adulterant Identification to Assess Royal Jelly Product Quality and Authenticity
Ismail Emir Akyildiz – *Turkey*
- 12:00 – 12:15 Exploring Bee Pollen Microencapsulation as a Strategy for Food Preservation: Extending Shelf Life and Mitigating Food Waste
Seymanur Ertosun – *Portugal*
- 12:15 – 12:30 Beeswax quality: the entry root of pesticides trough pollen
Christina Kast – *Switzerland*
- 12:30 – 12:45 Hydrolysis for Drone pupa (*Apis mellifera* L.) Utilization
Gyutae Park – *Republic of Korea*
- 12:45 – 13:00 The Effect of Honeybee Genotype on the Quality and Protein Content of Bee Venom Collected From Different Geographical Regions of Türkiye
Ekin Varol – *Turkey*



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SEPTEMBER 26th, 2025 – Friday

AUDITORIUM 15

11:00 – 13:15

SYMPOSIUM / BEEKEEPING TECHNOLOGY & QUALITY

Sustainable and Practical Beekeeping Under Climate Challenges

11:00 – 11:15

Wilder, Wetter, and Warmer: Leveraging Extended-Range Forecasts for Climate Adaptation Among Beekeepers in Western Norway

Manuel Hempel – *Norway*

11:15 – 11:30

Establishment and Evaluation of Cooling Shelter for Protecting Honeybee Colonies During Summer Season Under Abu Dhabi Emirate Conditions

Safa Hashem Musaed – *United Arab Emirates*

11:30 – 11:45

Development of an economically resilient and climate-friendly beekeeping practice

Annely Brandt – *Denmark*

11:45 – 12:00

Veterinary practice, antimicrobial resistance, and food safety in beekeeping

Violeta Santrac – *Bosnia and Herzegovina*

12:00 – 12:15

A Multicriteria Spatial Framework for Assessing Beekeeping Suitability: Application to a Portuguese Honey PDO Region

Carlos Silveira – *Portugal*

12:15 – 12:30

Genetic parameters for honey production in a small size and recently created bee breeding nucleus in France

Pierrick Haffray – *France*

12:30 – 12:45

What's the best queen ? It depends ! A fitness based hybrid recommendation system for beekeepers

Nicolas Coallier – *Canada*

12:45 – 13:00

Field experiment to test food supplements for honey bee colonies. Can we expect significant results at a reasonable cost?

Michel Bocquet – *Slovenia*

13:00 – 13:15

The effects of supplementary diets on Thai commercial stingless bee (*Tetragonula pagdeni*)

Jakkrawut Maitip – *Thailand*

SEPTEMBER 26th, 2025 – Friday

HALL A1

14:30 – 16:30

SYMPOSIUM / BEEKEEPING TECHNOLOGY & QUALITY

Honey Quality and Geographical Identity-2

14:30 – 14:45

Determination of dynamic variation characteristics of flavor and aroma volatiles of chaste honey during natural ripening process using electronic nose, electronic tongue and GC-O-MS

Dandan Sun – *China*

14:45 – 15:00

Volatiles for the characterization of monofloral honeys

Karl Speer – *Germany*



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- 15:00 – 15:15 The utmost importance of removing interferences for the proper analysis of glucose oxidase and catalase in honey
M. Teresa Sancho – *Spain*
- 15:15 – 15:30 Entomological signatures in honey: combining metabarcoding approaches to provide insights into plant-sucking insects that populate agricultural and forest landscapes
Valeria Taurisano – *Italy*
- 15:30 – 15:45 Quercus pyrenaica honeydew honey: production and characterization towards botanical origin assessment and valorization
Soraia I. Falcão – *Portugal*
- 15:45 – 16:00 Physicochemical properties of different honeys from Reunion Island
Jennyfer Yong-Sang – *France*
- 16:00 – 16:15 Chemical profiling of South African honey: establishment of a regional reference dataset for origin determination and adulteration identification
Cesarina Edmonds-Smith – *South Africa*
- 16:15 – 16:30 Metal Pollution Index, Health Risk Assessment, and Bioconcentration of heavy metal metals in the honey food chain
Mehwish Noor – *Pakistan*

SEPTEMBER 27th, 2025 – Saturday

- HALL A2**
09:00 – 10:30 **SYMPOSIUM / BEEKEEPING TECHNOLOGY & QUALITY**
Exploring AI, Sensors and Innovative Technologies in Beekeeping
- 09:00 – 09:15 RNAi As a Next Generation Varroa Mite Control
Adam Pacht – *USA*
- 09:15 – 09:30 Evaluating Precision Varroa destructor Treatments with the HiveMaster applicator: Field Trials in the USA and Israel
Ron Corkidi – *USA*
- 09:30 – 09:45 Colony Disorders revealed by automated monitoring of hive weight changes
Martin Bencsik – *United Kingdom*
- 09:45 – 10:00 HiveReader: Unlocking Hive Secrets Through Thermographic Cluster Mapping
Petar Petrov – *Bulgaria*
- 10:00 – 10:15 SHARP-FB:Short Hive Audio Recording Predictor of Frames of Bees
Nicolas Coallier – *Canada*
- 10:15 – 10:30 PollenView - A Pioneering Cloud Platform for Semi-Autonomous Creation of Pollen Image Datasets to Democratize Automated Melissopalynology Analysis on a Global Scale: The Success Story of an Intercontinental Collaboration
Iratxe Perales – *Spain*



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SEPTEMBER 27th, 2025 – Saturday

HALL A1

14:00 – 15:00

SYMPOSIUM / BEEKEEPING TECHNOLOGY & QUALITY

Innovative Applications for Bee Products

14:00 – 14:15

Starch and non-starch hydrocolloids synergy in honey fillings: Techno-functional, rheological, textural, and sensory properties

Vikas Nanda – *India*

14:15 – 14:30

Physico-chemical characteristics of honey powder: Impact of the botanical origin and the drying procedure

Sandra María Osés – *Spain*

14:30 – 14:45

From Hive to Biomedical Application: Bee Pollen-Derived Biocompatible Sporopollenin Microcapsules for Gastrointestinal Drug Targeting

Volkan Aylanc – *Portugal*

14:45 – 15:00

Ultrasound-Augmented Conjugation of Whey Protein Isolate and Propolis: Structural Insights and Functional Enhancements

Shanshan Li – *China*