









### <u>SEPTEMBER 24th, 2025 – Wednesday</u>

HALL A1 09:00 - 10:30	SYMPOSIUM / APITHERAPY Medical Experience During the Use of Apitherapy Moderators: Banu Yücel and János Körmendy-Rácz
09:00 – 09:15	Bee venom therapy for multiple sclerosis  Stanko Buha – Bosnia and Herzegovina
09:15 – 09:30	Bee products for fertility and perimenopausal women. Case studies.  Mirela Valentina Strant – Romania
09:30 – 09:45	Use of bee products in the treatment of chronic bacterial prostatitis: results of a clinical study <b>Viktor Iolkin –</b> <i>Ukraine</i>
09:45 – 10:00	Exploring the Skin Rejuvenating Properties of Royal Jelly through Stem Cell Activation  Nobuaki Okumura – Japan
10:00 – 10:15	Results of topical application of Romanian royal jelly and bee venom combined with Api-nutrition in chronic severe skin conditions <b>Alina Varadi</b> – <i>Romania</i>
10:15 – 10:30	Review of therapeutic outcomes in the practice of Integrative Veterinary Medicine. Traditional Chinese Medicine and Apitherapy integrated into patient care: comparative protocols; analysis of simple data and relevant clinical cases  María Alejandra Lopez Pazos – Chile

HALL A2 09:00 – 10:30	SYMPOSIUM / BEE HEALTH Effects of Pesticides-1 Moderators: Noa Simon Delso & Jiří Danihlík
09:00 – 09:15	Tebuconazole-induced oxidative stress in honeybee flight muscles: mechanisms of disruption and adaptive cellular mechanisms  Máté Dr. Mackei – Hungary
09:15 – 09:30	Chemical Pollution and Pollinator Health: Assessing Multi-Stressor Effects on Honeybees and Solitary Bees  Daniela Lupi – Italy
09:30 - 09:45	The effect of oxalic acid on honey bee ( <i>Apis mellifera</i> ) physiology Eliška Pinďáková Beranová – <i>Czech Republic</i>
09:45 – 10:00	Assessing pesticide impact on honeybee gut microbiota: a call for microbial diversity as an environmental risk assessment endpoint <b>Annelise Rosa-Fontana</b> – <i>Spain</i>
10:00 - 10:15	Will my colony survive this season? A benchmark analysis of statistical and











computational models to predict honey bee mortality

**Maxime Fraser Franco** – *Canada* 

10:15 – 10:30 Enhanced immune response and antimicrobial activity in honey bees (*Apis* 

mellifera) following application of oxalic acid-glycerine strips

Jiří Danihlík – Czech Republic

### SEPTEMBER 24th, 2025 - Wednesday

AUDITORIUM 15 09:00 – 10:30	SYMPOSIUM / BEE BIOLOGY Genetics-1
	Moderators: Gennaro Di Prisco & Matthew Webster &
09:00 – 09:15	Honeybee blood under the microscope: Characterizing hemocytes through surface protein profiling  Dirk C. de Graaf – Belgium
09:15 – 09:30	From genomes to holobionts: can the reanalysis of large-scale bee sequencing projects open new perspectives?  Thibault Leroy – France
09:30 – 09:45	Genetic variation of detoxification genes: from genes to proteins <b>Dora Henriques</b> – <i>Portugal</i>
09:45 – 10:00	An unparalleled survey of honey bee genetic diversity in Europe – insights from wing shape, nuclear whole genome, and mitochondrial DNA data  M.Alice Pinto – Portugal
10:00 – 10:15	Genetic diversity and population structure of Apis cerana complementary sex determiner (csd) genes in China  Chao Chen – China
10:15 – 10:30	Generating a comprehensive metagenome-assembled genome (MAG) catalogue of the honey bee gut  Jorge Langa – Spain

HALL A3 09:00 – 10:30	SYMPOSIUM / BEEKEEPING FOR RURAL DEVELOPMENT Conservation and Sustainable Management of Apis dorsata and Stingless Bees Moderators: Megan Denver & Jorik Phillips
09:00 – 09:15	Safeguarding Amazonian Stingless Bees for Conservation and Rural Development  Stefania Fiore Rollandin – United Kingdom
09:15 – 09:30	Land use and Climate Change Analysis as Tools of Conservation and Policy Activities for an Endangered Brazilian Stingless Bee Species, Melipona Scutellaris  Vera Lucia Imperatriz-Fonseca - Brazil











09:30 – 09:45	Biodiversity of Apis dorsata and its Conservation Strategies in India Muniswamyreddy Shankar Reddy - India
09:45 – 10:00	Apis dorsata: A Source of Livelihood for the Korku Tribe in Melghat <b>Milind Wakode</b> – <i>India</i>
10:00 – 10:15	Prevention of Rock Bee, Apis dorsata, Colonies from Nesting in Vulnerable Sites  Raghupathi Ningaraddi Kencharaddi – India
10:15 – 10:30	Socio-ecological surveys of Apis dorsata in the mountains of the Nilgiri Biosphere Reserve, Western Ghats, India  Shiny Mariam Rehel – India

10:30 - 11:00 **BREAK** 

### SEPTEMBER 24th, 2025 - Wednesday

HALL A1 11:00 – 13:00	MAIN SYMPOSIUM / Quality Assured Bee Products Beekeeping Technology & Quality / Apitherapy / Beekeeping Economy
11:00 – 11:30	The Treatment of Alzheimer's and Lyme Disease with API Therapy <b>Dr. Dietrich Klinghardt</b> – <i>Germany</i>
11:30 – 12:00	Honey can only be honey – a strong EU policy commitment for authenticity and traceability  Carlos Martin Ovilo – Belgium
12:00 – 12:30	Challenges in Developing Honey Authenticity Tests  Prof. Dr. Stephan Schwarzinger – Germany
12:30 – 12:45	Determining the Geographic Origin of American Honeys: An Analytical Method through Multivariate Analyses  Benjamin Poirot – France
12:45 – 13:00	Honey composition 2.0 – comparison between traditional pollen analysis and modern DNA analyses  Eero J. Vesterinen – Finland

HALL A2	SYMPOSIUM / BEE HEALTH
11:00 - 13:00	Effects of Pesticides-2
	Moderators: Simone Tosi & Lars Straub
11:00 – 11:15	Exploring RNA methylation as a promising biomarker for assessing risk of pesticide on honeybees  Miao Wang – China











11:15 – 11:30	Presence of pesticide residues in honey-bee-collected pollen in the context of Latvian landscapes  Niks Ozols – Latvia
11:30 – 11:45	Are PFAS yet another threat to bees?  Carolyn Anne Sonter – Australia
11:45 – 12:00	Exploring the Physiological Mechanisms Underlying Sublethal Imidacloprid-Induced Early Foraging Behavior in Honey Bee Workers  Wan Yi Chen – Taiwan
12:00 – 12:15	Toxicity tests of mosquito larvicides and adulticides on honey bee larvae (Apis mellifera) reared in vitro <b>Léna Barascou</b> – USA
12:15 – 12:30	Why are SDHI pesticides of concern to beekeepers and scientists?  Jean-Marc Bonmatin – France
12:30 – 12:45	Chronic exposure unravels varying susceptibility across three eusocial bee species  Lars Straub – Switzerland
12:45 – 13:00	The impact of heat stress and pesticide exposure on honeybee immune response  Lenka Jerele – Slovenia

## <u>SEPTEMBER 24th, 2025 – Wednesday</u>

AUDITORIUM 15 11:00 – 13:00	SYMPOSIUM / BEE BIOLOGY Genetics-2 Moderators: Cecilia Costa & Per Kryger
11:00 – 11:15	Embryogenesis of haploid honey bee (Apis mellifera L.) takes longer than diploid worker  Yanna Chu - China
11:15 – 11:30	The Development of Brain Structure in Worker Honey Bees: A Micro-CT Study of Neuropil Volume Dynamics  Shang Jui Fu – Taiwan
11:30 – 11:45	Whole genome sequencing reveals resilience of European honeybees to climate change  Matthew Webster – Sweden
11:45 – 12:00	Unraveling the modulatory manner and function of circRNAs in the Asian honey bee larval guts  Rui Guo – China
12:00 – 12:15	Be-eRNA: Using next-generation sequencing to characterize the community of honey bee viruses from hive environmental samples  Kaitlin R. Deutsch – USA













12:15 – 12:30	Implementation of an extended SNP Panel for the genetic monitoring of honeybees and its application to A. mellifera mellifera and A. Mellifera carnica samples across Europe  Jana Vanessa Huml – Switzerland
12:30 – 12:45	The Journey to Recognising the Maltese Honey Bee: Achievements and Challenges Ahead <b>Dylan Farrugia</b> – <i>Malta</i>
12:45 – 13:00	ame-miR-5119-Eth axis modulates larval-pupal transition of western honeybee worker  Jianfeng Qiu – China

## <u>SEPTEMBER 24th, 2025 – Wednesday</u>

	<u>.</u>
ROOM A3 11:00 – 13:00	ROUND TABLE / ASIA & OCEANIA
11:00 – 11:05	Welcome Address  John Caldeira & Orawan Duangphakdee
11:05 – 11:15	Evaluation of beekeepers' perspectives towards honeybee pests, diseases and their impact in eastern Australia  Gabrielle Goldsworthy
11:15 – 11:25	Beekeeping Development in Arid Zone  James Arruda Salome
11:25 – 11:35	The current Hony bee research in Saudia Arabia Ahmed Alkhazim
11:35 – 11:45	Stingless Bee Honey: A Unique and Underutilized Resource Characteristics and medicinal benefits of stingless bee honey. Market positioning and challenges in commercialization  Wan Iryani Wan Ismail
11:45 – 11:55	Proposal for Stingless Honey Standard  Cleo Rodriguez Cervancia
11:55 – 12:05	The Honey Grading System Using Total Activity Properties: New Intervention Orawan Duangphakdee
12:05 – 12:15	Sensory Testing of Tropical Honey: Understanding Consumer Preferences: Fake VS Real  Atikhun Thongtang & Sutthiphong Uambunmee
12:25 – 12:35	Tales from the Hive: Asian/Oceania Beekeepers Share Their Journeys Orawan Duangphakdee
12:35 – 13:05	Asia Pacific Road Map 2025-2027











# John Caldeira & Orawan Duangphakdee & Zahira Nedjraoui & Ahmed Alkhazim & Mohd Zulkifli Mustafa & Cleo Rodriguez Cervancia

13:00 – 14:30 **LUNCH - POSTERS** 

Bee Health / Beekeeping Technology & Quality posters will be presented.

### SEPTEMBER 24th, 2025 - Wednesday

HALL A	SYMPOSIUM / EU Projects
14:30 – 16:30	Moderators: Fani Hatjina & Eva Forsgren
14:30 – 15:00	BeeGuards – an EU project for resilient beekeeping  Cecilia Costa – Italy
15:00 – 15:30	Reconsidering beekeeping practices: Better-B explores how to restore harmony and balance in the bee colony and with its environment <b>Dirk C. de Graaf</b> – <i>Belgium</i>
15:30 – 16:00	B-THENET: Advancing Sustainable Beekeeping through Knowledge Exchange and Best Practices  Giovanni Formato – Italy
16:00 – 16:30	INSIGNIA-EU. A pan-EU biomonitoring citizen science study to detect environmental pollution  Jozef Van Der Steen – Netherlands

HALL A2 14:30 – 16:30	SYMPOSIUM / BEEKEEPING TECHNOLOGY & QUALITY Tool Development for Fraud Fight in Bee Products-1 Moderators: Miguel Vilas-Boas & Ole Kilpinen
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 <b>Mathias Lundgren</b> – <i>Sweden</i>
15:00 – 15:15 Untargeted	Detection of Economically Motivated Adulteration in Honey Using
ontargeted	Liquid Chromatography-Mass Spectrometry and Chemometrics  Jule Hansen – Germany
15:15 – 15:30	Near-infrared spectroscopy and isotope ratio mass spectrometry for Honey authenticity <b>Giovanna Esposito</b> – <i>Italy</i>
15:30 – 15:45	Orbitrap HR-MS Based Metabolomic Strategies For Seamless Determination of Honey Fraud











### İsmail Emir Akyildiz – 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?  Janais Delport – South Africa

AUDITORIUM 15 14:30 – 16:30	SYMPOSIUM / BEE HEALTH Honey Bee Pathogens Moderators: Marion Laurent & James D Ellis
14:30 – 14:45	Microscopic Insights into Overwintering Disease Dynamics in Yukon's Subarctic <b>Etienne Tardif</b> – Canada
14:45 – 15:00	A Review of Bee Health in Africa: A Development Perspective  William Van Blyderveen – United Kingdom
15:00 – 15:15	World Honey Bee Health – A COLOSS effort to monitor the global distribution of <i>Apis mellifera</i> pests and pathogens  James D. Ellis – <i>USA</i>
15:15 – 15:30	Rapid quantification and classification of <i>Nosema spp.</i> spores and <i>M. mellificae</i> cysts using automated microscopy and artificial intelligence <b>Iratxe Perales</b> – <i>Spain</i>
15:30 – 15:45	Honey bee ( <i>Apis mellifera</i> ) hygienic behavior linked to innate defenses against an adult bee pathogen, <i>Vairimorpha (Nosema) ceranae</i> <b>Sydney Miller</b> – <i>USA</i>
15:45 – 16:00	Nosema (Vairimorpha) ceranae infection alters honey bee (Apis mellifera) queen behavior and reproductive capacity  Juliana Rangel – USA
16:00 – 16:15	Effects of conventional and sustainable beekeeping on the pathogen load of honeybees  Ricarda Scheiner – Germany
16:15 – 16:30	The European Union national reference laboratories are ready to diagnose diseases and protect beekeeping  Marion Laurent – France











### <u>SEPTEMBER 24th, 2025 – Wednesday</u>

ROOM A3 ROUND TABLE / AMERICAS 14:30 – 16:30

16:30 - 17:00 **BREAK** 

### SEPTEMBER 24th, 2025 - Wednesday

ROOM A1	SYMPOSIUM / BEEKEEPING ECONOMY
17:00 – 18:30	Moderators: Norberto Luis Garcia & Linn F. Groeneveld
17:00 – 17:15	Honey cost: determination of sustainability and efficiency in honey production  Concetta Cardillo – Italy
17:15 – 17:30	Working with small-scale beekeepers to develop successful honey bee businesses  Mary Bammer – USA
17:30 – 17:45	Sustainable beekeeping and market development in western Uganda achieved through a social enterprise and micro financing  David Howard Holloway – United Kingdom
17:45 – 18:00	Forecasting SROI of APIVITA Billion Bees Program for the years 2023-2027 through the 1% for the Planet Coalition  Anastasia Alexandra Vafeiadou – Greece
18:00 – 18:15	Assessment of exporting experience of Ukrainian honey in the context of modern challenges and changes of international legislation <b>Tetyana Vasylkivska</b> – <i>Ukraine</i>
18:15 – 18:30	COLOSS results on the Wellbeing of beekeepers in 17 European and 3 African countries  Robert Brodschneider – Austria

HALL A2 17:00 – 18:30	SYMPOSIUM / BEEKEEPING TECHNOLOGY & QUALITY Tool Development for Fraud Fight in Bee Products-2 Moderators: Etienne Bruneau & İsmail Emir Akyıldız
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 <b>Marco Ciulu</b> – <i>Italy</i>
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

17:45 – 18:00

Honey Story: A Data-Driven and Blockchain-Backed Approach to Honey
Authentication
James Wilkes – USA

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

### **SEPTEMBER 24th, 2025 – Wednesday**

**Klaus Beckmann** – *Germany* 

HALL A3 17:00 – 18:30	SYMPOSIUM / BEE HEALTH Food Supplements and Bee Health Moderators: Pilar De la Rua & Cleo Cervancia
17:00 – 17:15	Lysozyme, an powerful protein supplement for prevention of brood diseases and stimulation of colony development: a report from large scale laboratory-to-field trials on the Canary Islands and Spain.  Dr. Javier Hernández López – Spain
17:15 – 17:30	The use of thymol as nano-emulsion in honey bee supplemental feed ( <i>Apis mellifera</i> )  Constantin-Ovidiu Craiu – <i>Romania</i>
17:30 – 17:45	The impact of pollen diet and microbiome on honey bee health Chiara Braglia – Italy
17:45 – 18:00	Exploring environmental influences on honey bee gut microbiota: a comparative analysis of <i>Apis mellifera ruttneri</i> and <i>Apis mellifera ligustica</i> a cross two climate  Simone Cutajar – <i>Italy</i>
18:00 – 18:15	A novel non-invasive method to characterize the gut microbiome and viral profile of honey bee queens  Leslie A. Holmes – Canada
18:15 – 18:30	Buzzing Boundaries: Balancing Honey Bee Movement and Pathogen Risks to protect Biodiversity <b>Pilar De la Rua</b> – <i>Spain</i>

### SEPTEMBER 25th, 2025 - Thursday

HALL A1	SYMPOSIUM / APITHERAPY
09:00 - 10:30	<b>Effects of Apitherapy Products on Cancer, Diabetes, and Wounds</b>











09:00 – 09:15	Proteomic Analysis of Bee Venoms From Different Honeybee Species and Their Apitherapeutic Effect on Various Cancer Cells  Banu Yücel – Turkiye
09:15 – 09:30	Propolis as an apitherapeutic agent for use in the oral cavity  Anna Kurek Górecka – Poland
09:30 – 09:45	Inhibitory activities of Chinese propolis on alpha-glucosidase and ended glycosylation products  Hongcheng Zhang – China
09:45 – 10:00	Propolis Modulates Immune Responses and delays Diabetes Progression in NOD Mice: Preliminary Findings  Magni Steintún – Denmark
10:00 – 10:15	Therapeutic Effects of Bee Venom on Hyperglycemia and Kidney Dysfunction in Alloxan-Induced Diabetic Rabbits <b>Khulan Tserennadmid</b> – <i>Mongolia</i>
10:15 – 10:30	Work Application of Propolis Ethanol Extract and Ointment for a Leg with Gangrene – 5 other case reports  Plamen Kolev Entchev – Bulgaria

### SEPTEMBER 25th, 2025 - Thursday

HALL A2 09:00 – 10:30	SYMPOSIUM / BEEKEEPING FOR RURAL DEVELOPMENT Building Rural Economies through Diverse Beekeeping Approaches Moderators: Cathy Benham & Colleen Quinn
09:00 - 09:15	Taking an Industry Approach to Beekeeping Development  William Van Blyderveen – United Kingdom
09:15 – 09:30	Empowering Indigenous Peoples' Communities through Sustainable Beekeeping and Native Bee Honey Harvesting  Anna Locsin – Philippines
09:30 – 09:45	Meliponiculture - An Additional Income in South India  Daisy Thomas – India
09:45 – 10:00	Improved Harvesting of Wild Honey from Tree Hives without Burning the Bees and Nest to Produce Quailty Honey  Emmanuel Dacosta Aboagye – Ghana
10:00 – 10:15	Beekeeping Development in Ethiopia; a Twelve Year Review of Practice and Impact  Getsh Kassa – Ethiopia
10:15 – 10:30	Unlocking Opportunities for Sustainable Beekeeping in Project-Affected Communities  Kai Hichert – South Africa











#### **SEPTEMBER 25th, 2025 – Thursday**

**AUDITORIUM 15 WORKSHOP** 

09:00 – 10:30 VETERINARY FOCUS: Bee Health, Welfare & Public Health 2025

### **SEPTEMBER 25th, 2025 – Thursday**

ROOM A3

**ROUND TABLE / AFRICA-1** 

09:30 - 10:30

### SEPTEMBER 25th, 2025 - Thursday

AUDITORIUM 11 WORKSHOP

09:30 – 10:30 WG12 on Data Standardisation

10:30 - 11:00 **BREAK** 

### SEPTEMBER 25th, 2025 - Thursday

HALL A1 11:00 – 13:00	MAIN SYMPOSIUM Bridging Research and Practice Moderators: Lotta Fabricius Kristiansen and Amy Vu
11:00 – 11:30	Strengthening beekeeping through bridging research and practice: Building a resilient Knowledge and Innovation System <b>Lotta Fabricius Kristiansen</b> – <i>Sweden</i> & <b>Amy Vu</b> – <i>USA</i>
11:30 – 11:45	Working with small-scale beekeepers to develop successful honey bee businesses  Mary Bammer – USA
11:45 – 12:00	How science supports honey bees: Identification of research on best practices in beekeeping  Kristina Gratzer – Austria
12:00 – 12:15	Comparison of student learning attitudes, knowledge, and outcomes towards honey bees in online or in-person instructional environments <b>Cameron Jack</b> – <i>USA</i>
12:15 – 12:30	Austrian beekeepers' current attitudes, utilization, and feedback on digital tools for beekeeping and ongoing digital transformation opportunities  Dirk Louis P. Schorkopf – Austria
12:30 – 12:45	The Synergy of Sustainable Selection: Interlacing Sustainable Management Practices, Epigenetics and Adaptive Bee Breeding for Changing Climes & Times  Melanie Margarita Kirby – USA













12:45 – 13:00 An AI chatbot as a dependable and trustworthy beekeeping advisor: present-day reality or still wishful thinking?

**Linda Morawetz** – Austria

### SEPTEMBER 25th, 2025 - Thursday

HALL A2 11:00 – 13:00	SYMPOSIUM / BEE HEALTH Focus On Foulbrood
	Moderators: Eva Forsgren & Jean-Daniel Charrière
11:00 – 11:15	Official Monitoring of American Foulbrood in Saxony 2019 - 2023  Michael Hardt – Germany
11:15 – 11:30	A rapid diagnosis of American and European foulbrood in one test kit <b>Sandra Ehrenberg</b> – <i>Germany</i>
11:30 – 11:45	Newly isolated bacteria increase the survival of honeybee larvae infected with <i>Paenibacillus larvae</i> <b>Li Zhang</b> – <i>China</i>
11:45 – 12:00	The Foster AFB Method: rapid detection of clinical American Foulbrood through non-invasive hive sampling and DNA quantification via qPCR <b>John Mackay</b> – <i>New Zealand</i>
12:00 – 12:15	A Rapid and Early Detection Method for <i>Paenibacillus Iarvae</i> Spores: Advancing AFB Diagnosis and Hive Protection <b>Ana Oliveira</b> – <i>Portugal</i>
12:15 – 12:30	Paenibacillus melissococcoides: the discovery of a new bacterium associated with a honey bee brood disease  Benjamin Dainat – Switzerland
12:30 – 12:45	Pros and Cons of Diagnostic Tests Used for Early Detection and Risk Assessment of American Foulbrood in Small and Large Beekeeping Operations  Elemir Simko – Canada
12:45 – 13:00	Disinfection and antimicrobial management of European foulbrood disease reservoirs  Sarah C. Wood– Canada

### SEPTEMBER 25th, 2025 - Thursday

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

Moderators: Andresa Berretta & Mª Teresa Sancho













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	Characterization of Slovenian royal jelly  Jasna Bertoncelj – Slovenia
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 <b>Gyutae Park</b> – <i>Republic of Korea</i>
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 <b>Ekin Varol</b> – <i>Turkey</i>

#### SEPTEMBER 25th, 2025 – Thursday

**ROOM A3** 11:00 – 13:00

**ROUND TABLE / AFRICA-2** 

### SEPTEMBER 25th, 2025 - Thursday

AUDITORIUM 11 ROUND TABLE / Breeding for Varroa Resistance

**11:00 – 13:00** Moderators: Per Kryger & Ralph Büchler

Why do not all beekeepers have varroa resistant bees? What traits are involved? Under what conditions does resistance evolve? What is holding us back? Do we need more educational tools?

Barbara Locke
Fanny Mondet
Pierre Giovenazzo
Steve Pernal
Steve Riley
Torsten Ellmann
Stefan Mandl











13:00 – 14:30 **LUNCH – POSTERS & FAO and Multistakeholders' Meeting**Bee Health / Beekeeping Technology & Quality posters will be presented.

### SEPTEMBER 25th, 2025 - Thursday

HALL A1	SYMPOSIUM / BEE HEALTH
14:30 – 16:30	Bridging Research and Practice
	Moderators: Lotta Fabricius Kristiansen & Amy Vu
14:30 – 14:45	Taking the sting out of honey bee medicine: training and tools for veterinarians  Meghan Milbrath – USA
14:45 – 15:00	ImBieSax – implementation and testing of a veterinary specialist counselling on bee health for beekeepers in Saxony  Julia Dittes – Germany
15:00 – 15:15	Long-term learning programs greatly improve queen production and quality <b>Robyn M Underwood</b> – <i>USA</i>
15:15 – 15:30	Brazilian Bee Observatory: Hive Monitoring as an Indicator of the Sustainability of Brazilian Agriculture  Betina Blochtein – Brazil
15:30 – 15:45	Crucial necessity of a revolution in bee health practices in beekeeping of Iran <b>Pegah Valizadeh</b> – <i>Iran</i>
15:45 – 16:00	Empowering beekeepers and their communities: educational strategies for mitigating pesticide risks to pollinators  Jennifer Bryan Goforth – USA
16:00 – 16:15	Healthy Bees – a serious game for improved honey bee healt <b>Lotta Fabricius Kristiansen</b> – <i>Sweden</i>
16:15 – 16:30	Bee Aware Science: Ten Scientific Articles Highlights Every Month <b>Sébastien Hoffmann</b> – <i>France</i>

### **SEPTEMBER 25th, 2025 – Thursday**

HALL A2 14:30 – 16:30	SYMPOSIUM / POLLINATION & BEE FLORA Pollinator-friendly Rural Landscapes and Pollinator-friendly cities Moderator: Yoko L. Dupont
14:30 – 14:45	Are Latvian apple orchards a good habitat for wild bee species?  Janis Gailis – Latvia
14:45 – 15:00	Smaller Bees in the City? Understanding the Influence of Urbanization in an orchid bee species  Amanda Machado – Brazil











15:00 – 15:15	Flowers for Bees  Björn Anders Gustavsson – Sweden
15:15 – 15:30	Bees' Eating Habits and Competition Uncovered using Cameras and DNA <b>Hjalte Calberg Ro-Poulsen</b> – <i>Denmark</i>
15:30 – 15:45	Monitoring Bumblebee Queens through Citizen Science in Slovenia  Danilo Bevk – Slovenia
15:45 – 16:00	Honey bees are generalist pollinators, but the bulk of pollen supply was from less than 20 plants in rural-urban mosaic landscapes in Denmark  Yoko L. Dupont – Denmark
16:00 – 16:15	Large-scale flowering initiatives (>1000 ha) have a significant impact on pollinator diversity and abundance  Michel Bocquet – France
16:15 – 16:30	CODABEILLES: A CO1 barcode reference library for monitoring wild bees of France (Apoidea: Anthophila)  Anaïs Marquisseau – France

### **SEPTEMBER 25th, 2025 – Thursday**

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AUDITORIUM-15 14:30 – 16:30	SYMPOSIUM / APITHERAPY Biological Effects of Bee Products Moderators: Mirela Valentina Strant and Thomas M. Gloger	
14:30 – 14:45	Antibacterial activity of honey in wound and oral environments: the latest {in vitro} findings  Juraj Majtan – Slovakia	
14:45 – 15:00	Anti-inflammatory activity of polyphenol-rich compounds from poplar-type propolis using an optimized extraction method  Meifei Zhu – China	
15:00 – 15:15	Phenolic Compounds in Propolis Collected from an African and an Asian Region and Their Impact on Antioxidant and Antibacterial Activities <b>Soumaya Touzani</b> – <i>Morocco</i>	
15:15 – 15:30	The Effect Of Royal Jelly On Female Reproductive Health In Rats  Meral Kekeçoğlu – Turkiye	
15:30 – 15:45	Assessment In-vivo effect of the binary mixture of Moroccan propolis and Olea europaea leaf extracts on type 2 diabetes induced by fructose and streptozotocin in rats: formulation by design of experiments (DOE)  Lyoussi Badiaa – Morocco	
15:45 – 16:00	Practical use of propolis in veterinary medicine  Subject to Change	
16:00 – 16:15	The local and systemic immune response after uterine infusion of propomiel	













in dairy cows

Rejean Cleophas Lefebvre – Canada

16:15 − 16:30 Supercritical CO<sub>2</sub> extracts of propolis inhibits tumor proliferation and

Enhances the immunomodulatory activity via activating the TLR4-MAPK/ NF-

κΒ signaling pathway **Yu Zhang** – *China* 

#### SEPTEMBER 25th, 2025 – Thursday

HALL A3 ROUND TABLE

14:30 – 16:30 Analytical Tools to Fight Honey Fraud

Moderators: Miguel Vilas-Boas & Norberto Garcia

### SEPTEMBER 25th, 2025 - Thursday

AUDITORIUM 11 14:30 – 16:30	GLOBAL HONEY TALKS
14:30 – 15:00	Raising concerns on possible fall-outs of organic acaricides in honey affecting quality  Raffaele Dall'Olio – Italy
15:00 – 15:30	Beekeeping in the Arctic region  Einar Johansen – Norway
15:30 – 16:00	Harvesting beehive products for personal use  Alexandra de Paoli – France/Sweden
16:00 – 15:30	Honey Optimising Methods – Using chemical profiling and digital sensory as quality guideline in honey processing  Mathias Lundgren – Sweden

#### **SEPTEMBER 25th, 2025 – Thursday**

HALL A1 17:00 – 18:30	SYMPOSIUM / BEE HEALTH Updates on SHB and Tropilaelaps
	Moderators: Peter Neumann & Dan Aurell
17:00 – 17:15	Not a numbers game – small hive beetle infestations in honeybee host colonies <b>Aura K Palonen</b> – <i>Switzerland</i>
17:15 – 17:30	Use of RNA interference to silence target genes of "Aethina tumida", an
17.15 – 17.50	invasive pest species of apiaries  Salvatore Arpaia – Italy













17:30 – 17:45	Impact of EU regulation on Honey Bee Health: the case of <i>Aethina tumida</i> in Italy  Michela Bertola – Italy
17:45 – 18:00	Small hive beetle reproduction in association with honeybee colonies  Peter Neumann – Switzerland
18:00 – 18:15	An <i>in vitro</i> investigation into the survival of <i>Tropilaelaps mercedesae</i> on a range of matrices  Maggie C Gill – <i>United Kingdom</i>
18:15 – 18:30	Environmental DNA as a detection approach for Tropilaelaps mites <b>Dan Aurell</b> – <i>USA</i>

### SEPTEMBER 25th, 2025 - Thursday

HALL A2 17:00 – 18:30	SYMPOSIUM / POLLINATION & BEE FLORA Crop Pollination Moderator: Lucas Garibaldi
17:00 – 17:15	Managed pollinators essential for offsetting the declining contribution of native pollinators to fruit yield stability due to changes in breeding-mediated flower traits  Bin Yuan – China
17:15 – 17:30	Increased pollination activity by honey bee colonies managed in thermodynamic hives <b>Gianmario Riganti</b> – <i>Italy</i>
17:30 – 17:45	Enhancing agricultural productivity through applied pollination: a large-scale study in tropical crops  Andresa Berretta – Brazil
17:45 – 18:00	The role of bees in plant-pollinator-microbe networks across habitats <b>Subject to Change</b>
18:00 – 18:15	Enhancing Onion Seed Yield through Honeybee -Friendly Marginal Crops <b>Subject to Change</b>
18:15 – 18:30	Honey efficiency of currently cultivated winter oilseed rape cultivars in Poland <b>Zbigniew Koltowski</b> – <i>Poland</i>

### <u>SEPTEMBER 25th, 2025 – Wednesday</u>

<b>AUDITORIUM 15</b>	SYMPOSIUM / BEE BIOLOGY
17:00 - 18:30	Nutrition, Microbiome and other interactions-1













	Moderators: Per Kryger & Raquel Sousa
17:00 – 17:15	Dietary omega-6:3 fatty acids ratio affects honey bee ( <i>Apis mellifera</i> ) spatial cognition: maze and landmark learning  Sharoni Shafir – <i>Israel</i>
17:15 – 17:30	Effect of vitamin A and nutraceuticals on learning, memory retention, and foraging behavior of honey bees (Apis mellifera)  Ernesto Guzman-Novoa – Canada
17:30 – 17:45	Effects of various fall feeding sugar sources on survival, health, and performance of honey bee colonies ( <i>Apis mellifera</i> L.) <b>Laurence Plamondon</b> – <i>Canada</i>
17:45 – 18:00	Influence of different diets on the growth and development of Eastern honey bee {Apis cerana}  Guiling Ding – China
18:00 – 18:15	Honey bee selection for sustainable and high-quality royal jelly production <b>Benjamin Basso</b> – <i>France</i>
18:15 – 18:30	Variations in amino acid and lipid profiles of honey bee hemolymph and gut microbiome composition in response to different dietary protein sources

#### SEPTEMBER 25th, 2025 - Thursday

HALL A3 ROUND TABLE

17:00 – 18:30 Looking at Economic Anomalies in the Honey Market

Kristýna Myslínová – Czech Republic

Moderators: Miguel Vilas-Boas & Norberto Garcia

#### SEPTEMBER 25th, 2025 - Thursday

AUDITORIUM 11 WORKSHOP

17:00 – 18:30 Alternative Hive Designs, Affordable and Sustainable Solutions

Moderator: Megan Denver

This workshop will present a range of hive designs that promote bee health and support sustainable livelihoods. The session will include examples from different regions and input from experienced beekeepers and rural development project managers. Audience participation is encouraged and there will be time for questions and sharing perspectives.

#### **Presenters**

Janet Lowore – United Kingdom
Chris Keywood – South Africa
Robert Mutisi – Zimbabwe
William Van Blyderveen – Canada
Tucka Saville – USA
Isaac Mbroh – Ghana
Tomasz Dzierżanowski – Poland











### SEPTEMBER 26th, 2025 - Friday

HALL A1	SYMPOSIUM / BEE BIOLOGY
09:00 - 10:30	Nutrition, Microbiome and other interactions-2
	Moderators: Rui Goncalves & Jessica Beroga-Barbecho
09:00 – 09:15	The young and stressed making bad decisions: Effects of <i>Vairimorpha</i> ceranae on worker honey bee ( <i>Apis mellifera</i> ) foraging behaviours  Jemma Todoschuk – Canada
09:15 – 09:30	Microbial Community Profiling of <i>Tetragonula biroi</i> (Friese) Hives: Insights from Pollen-Microbiome Interactions  Kiara Nicole Rodriguez – <i>Philippines</i>
09:30 – 09:45	Mitigating the deficiency of high-quality floral pollen through a new approach to honey bee rearing with artificial pollen diet containing animal protein  Bajaree Chuttong – Thailand
09:45 – 10:00	Dual effect of {S}-methyl-L-cysteine sulfoxide from rapeseed nectar on honey bee health  Jaroslav Havlík – Czech Republic
10:00 – 10:15	Morphometric and genetic diversity of Philippine stingless bees  Jessica B. Baroga-Barbecho – Philippines
10:15 – 10:30	Overwintering Strategies for Honey Bees in the Yukon Subarctic: A Data- Driven Analysis <b>Etienne Tardif</b> – <i>Canada</i>

### **SEPTEMBER 26th, 2025 – Friday**

HALL A2 09:00 - 10:30	SYMPOSIUM / BEE HEALTH Resistance to Varroa Moderators: Ralph Buchler & Stephen Martin
09:00 – 09:15	Open source Varroa resistance through breeding selection <b>Paul J P Jungels</b> – <i>Luxembourg</i>
09:15 – 09:30 European	EurBeSt study on varroa resistance and relevant selection criteria in honey bees  Ralph Büchler – Germany
09:30 – 09:45	The Good, the Bad and the Ugly: Insights and trends from a 20-year natural selection experiment on disease resistance in Gotland, Sweden <b>Barbara Locke Grandér</b> – <i>Sweden</i>
09:45 – 10:00	Predicting the impact of Varroa under climate change: An individual based modelling approach  Hollie Pufal – United Kingdom













10:00 – 10:15	Co-evolution of honey bees, varroa and beekeepers over 15 years in Hawaii <b>Stephen Martin</b> – <i>United Kingdom</i>
10:15 – 10:30	Varroa destructor infestation levels can be predicted by brood cell recapping rate and mite non-reproduction in honeybee colonies (Apis mellifera)
	Marie-Lou Morin – <i>Canada</i>

### SEPTEMBER 26th, 2025 - Friday

AUDITORIUM 15 09:00 – 10:30	SYMPOSIUM / BEEKEEPING FOR RURAL DEVELOPMENT Expanding Access to Beekeeping: Inclusion, Innovation, and Unique Environments Moderators: Megan Denver & Jorik Phillips
09:00 – 09:15	Inclusive Beekeeping for Persons with Disabilities and Women in Uganda <b>Agwang Florence Hope</b> – <i>Uganda</i>
09:15 – 09:30	BeeAutism: Individuals with Autism Spectrum Disorder have been Trained to Become Professional Beekeepers in Greece  Alexandros Papachristoforou – Greece
09:30 – 09:45	Prison Beekeeping Programs in the State of Georgia, USA <b>Julia Mahood</b> – <i>USA</i>
09:45 – 10:00	Beekeepers Solve Their Own Problems  Kirk Webster – USA
10:00 – 10:15	Engaging Youth and Children in Beekeeping through the Honeyway Initiative: a Model for Education Sustainability and Community Empowerment <b>Volha Haurylik</b> – <i>Belarus</i>
10:15 – 10:30	How to Make Beekeeping Accessible and Attractive to the African youth Janet Lowore – United Kingdom

### SEPTEMBER 26th, 2025 - Friday

HALL A3 ROUND TABLE / Beekeeping in EU Countries 09:00 – 10:30 Moderator: Robert Chlebo

### SEPTEMBER 26th, 2025 - Friday

AUDITORIUM 11 09:00 – 10:30	GLOBAL HONEY TALKS
09:00 – 09:30	Honey Authentication and Quality: The New Zealand Manuka Honey Story, where Science meets Organoleptic Sensory Analysis  Maureen Conquer – New Zealand
09:30 – 10:00	Unveiling the Uniqueness: Stingless Bee Honey Quality and Sensory Profiles Across Species and Landscapes











#### **Orawan Duangphakdee** – *Thailand*

10:00 – 10:30 Judging Honey: An exploration into different systems of Honey Judging

Gino Jabbar – Scotland

### SEPTEMBER 26th, 2025 - Friday

HALL A1 11:00 – 13:00	MAIN SYMPOSIUM / Animal Welfare from a Beekeeping Perspective Bee Health & Bee Biology
11:00 – 11:30	The Mind of a Bee Lars Chittka – United Kingdom
11:30 – 12:00	Improving honey bee resilience to varroa: what we can learn from nature to inspire beekeeping practices  Fanny Mondet – France
12:00 – 12:15	Considering honey bee welfare to support sustainable beekeeping and honey bee protection  Lisa Dickel – Sweden
12:15 – 12:30	Safeguarding agroecosystems resilience under climate change through efficient pollination and sustainable beekeeping  Fani Hatjina – Greece
12:30 – 12:45	Alien species - European beekeeping under "siege"  Cecilia Costa – Italy
12:45 – 13:00	Enhancing Stingless Beekeeping in Thailand: Genetic Diversity, Artificial Queen Rearing, and Honey Processing  Atsalek Rattanawannee – Thailand

### **SEPTEMBER 26th, 2025 – Friday**

HALL A2 11:00 – 13:00	SYMPOSIUM / BEEKEEPING FOR RURAL DEVELOPMENT Empowering Women and Youth Through Beekeeping Moderators: Cathy Benham & Colleen Quinn
11:00 – 11:15	Reviving Rural Economies Through Inclusive Beekeeping: Centering Women for Scalable Impact  Mmabatho Portia Morudi – South Africa
11:15 – 11:30	Beekeeping in Challenging Environments: Case Studies from Kenya and Ethiopia with a Focus on Women Beekeepers  Marta Panco – Moldova
11:30 – 11:45	Temporal Trends in the Brazilian State of São Paulo Meliponiculture: Woman participation, Shifting Geographies, and the Decline of Non-Native Species  Tiago Mauricio Francoy – Brazil











11:45 – 12:00	Beekeeping Awareness: Training of Youth and Rural Women for Income and Employment Generation in Telangana, India Indira Reddy Kudumula – India
12:00 – 12:15	Engaging Rural Youth in Beekeeping: a Pathway to Sustainable Livelihoods and Biodiversity Conservation among Indigenous Communities <b>Dhanshree Chavan</b> – <i>India</i>
12:15 – 12:30	Building Youth Leadership in Indigenous Beekeeping: A Case from Chiuri- Based Honey Initiatives in Nepal <b>Dhurba Saub</b> – <i>Nepal</i>
12:30 – 12:45	Beyond Educational Benefits: Integrating Stingless Beekeeping into School Activities Generated Addional Income  Panutda Yodsang – Thailand
12:45 – 13:00	The International Meeting of Young Beekeepers: a Unique Platform for Young Beekeepers to Meet and Compete  Jiri Piza – Czech Republic

### SEPTEMBER 26th, 2025 - Friday

AUDITORIUM 15 11:00 – 13:15	SYMPOSIUM / BEEKEEPING TECHNOLOGY & QUALITY Sustainable and Practical Beekeeping Under Climate Challenges Moderators: Ole Kilpinen & Orawan Duangphakdee
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 – Germany
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 – France

13:00 – 13:15

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

Jakkrawut Maitip – Thailand

### SEPTEMBER 26th, 2025 - Friday

HALL A3 WORKSHOP 11:00 – 13:00 B-THENET

### **SEPTEMBER 26th, 2025 - Friday**

AUDITORIUM 11 11:00 – 13:00	GLOBAL HONEY TALKS
11:00 – 11:30	The Terroir of Honey  Marina Marchese – USA
11:30 – 12:00	How to keep quality parameters in large scale honey production <b>Stefan Mandl</b> – <i>Austria</i>
12:00 – 12:30	How is honey made – a tale of bees and flowers  Lars Fischer – Denmark
12:30 – 13:00	From Bee to Bottle: The impact of extraction practices on honey qualities <b>Stuart Anderson</b> – <i>Australia</i>
13:00 – 14:30	LUNCH - POSTERS  Apitherapy / Bee Biology / Beekeeping Economy / Pollination and Flora / Rural Development / B-RAP posters will be presented.

#### SEPTEMBER 26th, 2025 – Friday

HALL A1 SYMPOSIUM / BEEKEEPING TECHNOLOGY & QUALITY

14:30 – 16:30 Honey Quality and Geographical Identity-2

Moderators: Andresa Berretta & Dražen Lušić













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 <b>Karl Speer</b> – <i>Germany</i>
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	Integrated Palynological and Physicochemical Characterization of <i>Tilia</i> Honey <b>Deniz Canli</b> – <i>Turkey</i>

### **SEPTEMBER 26th, 2025 – Friday**

HALL A2 14:30 – 16:30	SYMPOSIUM / Bee Biology Stingless and other bees 2 Moderators: Jessica Beroga-Barbecho & Özge Özden
14:30 – 14:45	{Free-B}: Studying free-living honey bee colonies to safeguard diversity, ensure resilience, and promote transformative change in beekeeping <b>Steve Rogenstein</b> – <i>Sweden</i>
14:45 – 15:00	Genomic Analysis of Wild Bee Populations in Scandinavia Informs Biodiversity Conservation Yuanzhen Liu – Denmark
15:00 – 15:15	Optimization of In-Vitro Rearing of Indo-Malaya Stingless Bee (Heterotrigona itama) Queen: A Strategy to Improve the Meliponiculture Management and Conservation of Insect Pollinator in Tropical Landscapes  Wahizatul Azmi
15:15 – 15:30	Spatio-temporal population genetics of solitary bees to investigate the impact of <i>Osmia</i> spp. management <b>Asia Piovesan</b> – <i>Switzerland</i>













15:30 – 15:45	Resilience and Adaptation of Wild Honeybees: A 7-Year Study at the Galbreath Wildlands Preserve (2021-2028) and Its Implications for Apiculture and Conservation  Michael Thiele – USA
15:45 – 16:00	Beelining in the bush: Wild honey bee nest natural history and turnover in South Africa  Kaylin Kleckner – USA
16:00 – 16:15	Giant Honeybees of Asia: Based on Morphological and Genetic Study  Nyaton Kitnya – India
16:15 – 16:30	The memory of a wild honey bee and its strength today!  Carlo Amodeo – Italy

SEPTEMBER 26th, 2025 – Friday		
AUDITORIUM-15 14:30 – 16:30	SYMPOSIUM / APITHERAPY Compositions of Bee Products Moderators: Bhargava Hunukunda Radhakrishna	
14:30 – 14:45	Unlocking Nature's Arsenal: Apis mellifera Venom as a Natural Tool for Combating Against Staphylococcus aureus  Subject to Change	
14:45 – 15:00	Influence of storage conditions and preparation methods on changes in ascorbic acid, phenolic compound content, and antioxidant activity of bee pollen  Sonata Trumbeckaitė – Lithuania	
15:00 – 15:15	Diversity and Therapeutic Potential of Endogenous Peptides in Wasp Venoms Kai Wang – Belgium	
15:15 – 15:30	Pine Honey As A Promising Apitherapy Product; Description Of The Linkage Between The Potential Health Benefits And Its Forefront Bioactive Substances Özge Erdem – Turkiye	
15:30 – 15:45	High concentrations of Spermidine in Drone Milk (Apilarnil) <b>Dr Thomas M. Gloger</b> – <i>Germany</i>	
15:45 – 16:00	From Beekeeping to Medical Certification: The Evolution of Beehive Air Therapy  Beate McKenzie – United Kingdom	
16:00 – 16:15	Optimizing Bioactivity and Safety: Synergistic Effects of Green and Red Propolis Extracts for Enhanced Therapeutic Potential Andresa Aparecida Berretta – Brazil	
16:15 – 16:30	Nutritional Potential of Indian Bee Pollen: A Sustainable Solution for Childhood Dietary Gaps <b>Lakshmi Kavuri</b> – <i>India</i>	













#### SEPTEMBER 26th, 2025 - Friday

HALL A3 WORKSHOP

14:30 – 16:30 Resilient Beekeeping: Min EU Projects

**Technologies and Digital Innovation** 

Veronica Manara (moderator) Marco Pietropaoli(expert)

#### **Sustainibility and Resilience Against Stressors**

Peter Kozmus (To be confirmed) Ellen Daneels (moderator)

#### **Stakeholder Engagement**

Lauriane Mariamé (moderator) Noa Simon(expert)

#### SEPTEMBER 26th, 2025 - Friday

AUDITORIUM 11 14:30 – 16:30	GLOBAL HONEY TALKS
14:30 – 15:00	How to adapt <b>honey</b> production to climate change <b>Etienne Bruneau</b> – <i>Belgium</i>
15:00 – 15:30	Tasting biodiversity: specialty honey as an ally to ecosystems and beekeepers in Mexico <b>Arlette Gomez Ortiz</b> – <i>Mexico</i>
15:30 – 16:00	Sustainable Paths for African Honey  Madvee Muthu – Kenya
16:00 – 16:30	Native, Invasive & Naturalised: Exploring urban ecology dynamics through honey sensory analysis  Christina Joy Neumann – USA

### **SEPTEMBER 26th, 2025 – Friday**

HALL A1 17:00 – 18:30	SYMPOSIUM / POLLINATION & BEE FLORA Bee Flora Moderator: Yoko L. Dupont
17:00 – 17:15	Historical and seasonal changes in the flowering plants used by honeybees <b>Natasha de Vere</b> – <i>United Kingdom</i>













17:15 – 17:30	Melissopalinology applied to the study of the botanical characterisation and geographical traceability of <i>Apis mellifera</i> , Linnaeus 1758 and Meliponini honeys produced in certain areas of Bolivia  Erica Holzer – <i>Italy</i>
17:30 – 17:45	Divergent pollen collection by honey bees and bumble bees: Evidence from Calgary, Canada  Ron Miksha – Canada
17:45 – 18:00	Mass flowering tree crops and the overwhelming efficiency of honey bee pollen exploration – what remains for native bees?  Clemens Schlindwein – Brazil
18:00 – 18:15	Reconsidering beekeeping practices: Better-B explores how to restore harmony and balance in the bee colony and with its environment Dirk C. de Graaf – Belgium
18:15 – 18:30	Breeding of the local bumblebee Bombus ephippiatus Say in southeastern Mexico <b>Subject to Change</b>
18:30 – 18:45	Botanical Origin of Honeys Collected in Andean Zone of Macizo Colombiano <b>Subject to Change</b>

### SEPTEMBER 26th, 2025 - Friday

HALL A2 17:00 – 18:30	SYMPOSIUM / BEE HEALTH Honey Bee Viruses Moderators: Joachim deMiranda & Heather Bell
17:00 – 17:15	Tracking the evolution of viral titers in colony sub-populations throughout the season and in response to varroa treatment strategie  Heather Bell – Canada
17:15 – 17:30	Viral Exchange Between Honeybees and Greater Wax Moths: Ecological Drivers and Pathogenic Implications of Bee Densovirus 9 <b>Ruike Wei –</b> <i>China</i>
17:30 – 17:45	From Screening to Mechanism: Curcumin Emerges as a Key Natural Compound Against Israeli Acute Paralysis Virus in Apis mellifera Shangning Yang – China
17:45 – 18:00	High plasticity for many of the Bond bee population's varroa, colony development, foraging, and virus traits, in relation to year, season and varroa treatment  Joachim R De Miranda – Sweden
18:00 – 18:15	Viral Infections: When and How Do Honey Bee Queens Become Infected <b>Esmaeil Amiri</b> – <i>USA</i>
18:15 – 18:30	Impact of viruses on recapping behaviour











Amélie Noël – Sweden

### SEPTEMBER 26th, 2025 - Friday

<b>AUDITORIUM 15</b>	SYMPOSIUM / BEEKEEPING ECONOMY
17:00 – 18:00	Moderators: Norberto Luis Garcia & Linn F. Groeneveld
17:00 – 17:15	Impacts of climate change on the beekeeping supply chain; a system dynamics modeling approach  Meisam Shahbazi – Iran
17:15 – 17:30	Strengthening Rural Development through Sustainable Beekeeping: The Case of Miski Miel de Campo  Mauricio José Rosales Durán – Ecuador
17:30 – 17:45	Decoding Honey: A Comprehensive Melissopalynological Analysis of Georgian Honey and Consumer Preferences  Erekle Chikvaidze – Belgium
17:45 – 18:00	Building Economic and Social Resilience Through Community-Supported Beekeeping  Idil Akdos – Norway

#### SEPTEMBER 26th, 2025 – Friday

HALL A3 ROUND TABLE

17:00 – 18:30 Beekeeping in non-EU Countries and Central Asia

#### SEPTEMBER 26th, 2025 - Friday

AUDITORIUM 11 WORKSHOP 17:00 – 18:30 Tropilaelaps

### SEPTEMBER 27th, 2025 - Saturday

HALL A1 09:00 - 10:30	SYMPOSIUM / BEEKEEPING FOR RURAL DEVELOPMENT Beekeeping and Forest Conservation Moderators: Cathy Benham & Colleen Quinn
09:00 – 09:15	Beekeepers Restore the Forests of Kwahu Afram Plains of Ghana <b>Papa Kwodwo Mbroh</b> – <i>Ghana</i>
09:15 – 09:30	Beekeeping and Forest Conservation in Zimbabwe  Robert Nil Mutisi – Zimbabwe
09:30 – 09:45	The Accompanying Fauna in Honeybee Colonies in Tree-Beehives and Logs in













Poland

**Barbara Zajdel** – *Poland* 

09:45 – 10:00 Honey forest restoration as a conservation strategy for bee habitat in Santa

Rita-Chone-Ecuador

Dra. Rosa González Z - Peru

10:00 – 10:15 From Forest Flowers to Honey: Synergies Between Beekeeping and Forest

Conservation in Nepal **Kedar Devkota** – *Nepal* 

10:15 – 10:30 Forest Conservation through Beekeeping Using Satellite Imagery to

demonstrate the role of beekeeping in protecting natural forests

SYMPOSIUM / BEEKEEPING TECHNOLOGY & QUALITY

**Chris Keywood** – *United Kingdom* 

#### SEPTEMBER 27th, 2025 - Saturday

HALL A2

09:00 – 10:30	Exploring AI, Sensors and Innovative Technologies in Beekeeping Moderators: Miguel Vilas-Boas & Robert Chlebo
09:00 – 09:15	RNAi As a Next Generation Varroa Mite Control <b>Adam Pachl</b> – <i>USA</i>
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	Integrating IoT, AI, and Satellite Data for Predicting the Spread of Bee Diseases and Enhancing Apiary Biosecurity <b>Dagmara Stasiowska</b> – <i>Poland</i>
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

#### SEPTEMBER 27th, 2025 – Saturday

AUDITORIUM 15 SYMPOSIUM / BEE HEALTH 09:00 – 10:30 The Fights Against Vespidea

Moderators: Linde Morawetz & Norman Carreck

09:00 – 09:15 Insights into the management of the Asian hornet in South-West Germany:

nest occurrences and hurdles in control strategies













Carolin	Rein –	Germany
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09:15 - 09:30	Preliminary results on the control of <i>Vespa velutina</i> using <i>Beauveria bassiana</i> in apiary environments within the GO BIOVEST Project  Francesc Xavier Munill Bernardich – <i>Spain</i>
09:30 – 09:45	Remote detection and monitoring of invasive species of hornets ( <i>Vespa velutina</i> and <i>Vespa mandarinia</i> ) using acoustic tools <b>Huw Evans</b> – <i>USA</i>
09:45 – 10:00	"NestSweeper" - An AI based method to track the yellow legged Asian hornet Vespa velutina in the UK  Norman L Carreck – United Kingdom
10:00 – 10:15	Sustainable strategy of control for the hornet, Vespa velutina <b>Francis Saucy</b> – <i>Switzerland</i>
10:15 – 10:30	Influence of heat and humidity on the survival of the honey bees: A study within five Apis mellifera subspecies from the Mediterranean basin <b>Soledad Sagastume</b> – <i>Spain</i>

### SEPTEMBER 27th, 2025 - Saturday

HALL A3 ROUND TABLE

09:00 – 10:30 Role of Beekeeping in Rural Development: Insights & Strategies

Moderator: Megan Denver

Join colleagues from around the world for an open conversation on how beekeeping can strengthen rural livelihoods. This roundtable brings together practical experiences and lessons learned from diverse regions, focusing on what works, what hasn't worked, and new ideas to help communities build resilience through beekeeping. Audience participation is encouraged and there will be time for questions and sharing perspectives.

#### **Presenters:**

Portia Muradi — South Africa
Dickson Biryomumaisho — Uganda
Hope Agwang — Uganda
Tilahun Gebey — Ethiopia
Getish Kassa Nurie — Ethiopia
David Mukomana — Zimbabwe
Pratim Roy — India
Shiny Rehel — India
Sara Pathy — India

Justin Raj – India











### SEPTEMBER 27th, 2025 – Saturday

09:00 – 10:30	GLOBAL HONEY TALKS
09:00 – 09:30	Bee-yond Delicious: A Journey through Britain and Ireland's Honey Varieties <b>Gino Jabbar</b> – <i>Scotland</i>
09:30 – 10:00	Granulated Honey: Winner of WBA World's Best Honey 2017  Lars Fischer – Denmark
10:00 – 10:30	Honey quality focus in legislation -impact on honey processing for commercial beekeepers  Etienne Bruneau – Belgium

### SEPTEMBER 27th, 2025 - Saturday

HALL A1 11:00 – 13:00	MAIN SYMPOSIUM / Beekeeping in Challenging Conditions Pollination and Bee Flora / Beekeeping for Rural Development Moderator: Megan Denver
11:00 – 11:30	The landscape ecology of honeybees  Ingolf Steffan-Dewenter – Germany
11:30 – 12:00	Reducing Deforestation and Promotimg Sustainable Beekeeping Among Rural Communities <b>Portia Morudi</b> – <i>South Africa</i>
12:00 – 12:15	Apiary Education, Biodiversity Research, and Heritage Landscapes  Jarosław Pająkowski – Poland
12:15 – 12:30	Using Non-Traditional Means of Value Addition to Support Rural Honey and Beeswax Supply Chains  Chris Keywood – United Kingdom
12:30 – 12:45	Harmonious integration of bees and soybean cultivation <b>Decio Luiz Gazzoni</b> – <i>Brazil</i>
12:45 – 13:00	Evaluating the Impact of Honeybee Colonies on Insect Biodiversity and Ecosystem Restoration in Mount Parnitha Post-Fire Forests <b>Athanasios Antonopoulos</b> – <i>Greece</i>

### SEPTEMBER 27th, 2025 - Saturday

HALL A2	SYMPOSIUM / BEE BIOLOGY
11:00 - 13:00	Breeding, selection and conservation











	Moderators: Gennaro Di Prisco & Rui Goncalves
11:00 – 11:15	Distribution and conservation status of <i>Apis mellifera</i> populations in Italy <b>Giovanni Cilia</b> – <i>Italy</i>
11:15 – 11:30	Mitochondrial DNA Variability in the Honey bee {Apis mellifera} L., Implications for Conservation  Cristina Vella – Malta
11:30 – 11:45	Exploring the genetic landscape of honeybees in Ivory Coast <b>Kamila Canale Tabet</b> – <i>France</i>
11:45 – 12:00	A dynamic picture of the diffusion of {Apis mellifera} mitochondrial DNA lineages in Italy over the last few decades utilizing honey as a source of honey bee population genetic information <b>Luca Fontanesi</b> – <i>Italy</i>
12:00 – 12:15	Hybridization of honey bees in southwestern Asia <b>Adam Tofilski</b> – <i>Saudi Arabia</i>
12:15 – 12:30	Vitellogenin as a Physiological Marker of Swarming in Honey Bees (Apis mellifera) <b>Katrina Klett</b> – <i>USA</i>
12:30 – 12:45	Status Report on BeeGuards Innovative Breeding Strategies  Raffaele Dall'olio – Italy
12:45 – 13:00	Integrated Breeding Strategy for Apis mellifera: Towards Sustainable Beekeeping  Ségolène Maucourt – Canada

### SEPTEMBER 27th, 2025 - Saturday

AUDITORIUM 15 11:00 – 13:00	SYMPOSIUM / APITHERAPY New Directions in Apitherapy Moderators: Meral Kekeçoğlu & János Körmendy-Rácz
11:00 – 11:15	MRJP3-C113, a major royal jelly protein 3-derived fragment, accelerated cutaneous wound healing through RHBDF2-mediated activation of EGFR/AKT/mTOR signaling pathway  Subject to Change
11:15 – 11:30	Eurasian propolis and Brazilian green propolis compared: evaluation of chemical composition and comparison of cytokine release by PBMCs <b>Giorgio Cappellucci</b> – <i>Italy</i>
11:30 – 11:45	Development of Nanoemulsion-Based Water-Soluble Propolis (N-WEEP) Technology for Oral Anti-Inflammation and Gum Health  Jiheon Lee – South Korea
11:45 – 12:00	Antibacterial Properties of Pentacyclic Triterpenes from Melipona beecheii Propolis











	Aarón Andrés Santana Hernández – Mexico
12:00 – 12:15	Propolis: Research, Apitherapy and Clinical Applications  Jose Mauricio Sforcin – Brazil
12:15 – 12:30	Antibacterial efficacy of Apis honey collected from different Apiaries and its effect on Sprague Dawley rats <b>Dr Bhargava H R</b> – <i>India</i>
12:30 – 12:45	Honey dressing on pilonidal sinus wound healing <b>Ahmed G Hegazi</b> – <i>Egypt</i>
12:45 – 13:00	The diversity of stingless bee species and vegetation in Tanzania drives the variability in honey composition, with a vast potential for medicinal honey <b>Christopher Alphonce Mduda</b> – <i>Tanzania</i>

### SEPTEMBER 27th, 2025 - Saturday

HALL A3 MEETING of the "INTERNATIONAL HONEY COMMISSION" 11:00 – 13:00

### **SEPTEMBER 27th, 2025 – Saturday**

AUDITORIUM 11 11:00 – 13:00	GLOBAL HONEY TALKS
11:00 – 11:30	Making beehive products for competition  Paul Boyle – Ireland
11:30 – 12:00	Diversity in Scandinavian honey varieties  Ragna Ribe Jørgensen – Norway
12:00 – 12:30	Sustainable Production of Beehive Products – ecofriendly harvesting and production methods  Tone Bryn – Norway
12:30 – 13:00	Supplying Michelin star restaurants with beehive products  Peter Sjögren – Denmark
13:00 – 14:00	LUNCH - POSTERS  Apitherapy / Bee Biology / Beekeeping Economy / Pollination and Flora / Rural Development / B-RAP posters will be presented.

### <u>SEPTEMBER 27th, 2025 – Saturday</u>

HALL A1 SYMPOSIUM / BEEKEEPING TECHNOLOGY & QUALITY













14:00 – 15:00	Innovative Applications for Bee Products  Moderators: Dražen Lušić & Mª Teresa Sancho
14:00 – 14:15	Starch and non-starch hydrocolloids synergy in honey fillings: Techno- functional, rheological, textural, and sensory properties <b>Vikas Nanda</b> – <i>India</i>
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 <b>Volkan Aylanc</b> – <i>Portugal</i>
14:45 – 15:00	Ultrasound-Augmented Conjugation of Whey Protein Isolate and Propolis: Structural Insights and Functional Enhancements  Shanshan Li – China

### SEPTEMBER 27th, 2025 - Saturday

HALL A2 14:00 – 15:00	SYMPOSIUM / Bee Biology Breeding, selection and conservation Moderators: Gennaro Di Prisco & Cecilia Costa & Özge Özden
14:00 – 14:15	Optimizing anesthetic effects of carbon dioxide to honey bee ( <i>Apis mellifera</i> L.) <b>Yu Fang</b> – <i>China</i>
14:15 – 14:30	Conservation status of the honey bee subspecies native to the Mediterranean islands <b>Dora Henriques</b> – <i>Portugal</i>
14:30 – 14:45	Relative effects of the queen and brood on honey bee worker ovary suppression  Shelley Hoover – Canada
14:45 – 15:00	Genetic Selection and Immune Mechanisms: A Scientific Approach to Enhancing Honeybee Resilience Against Viral Infections and Environmental Stressors  Giacomo Acerbi – Italy

### <u>SEPTEMBER 27th, 2025 – Saturday</u>

Auditorium 15 SYMPOSIUM / BEE HEALTH 14:00 – 16:15 Fighting Againts Varroa

Moderators: Michaela Bertola













14:00 – 14:15	Evaluation of Aluen CAP® for <i>Varroa destructor</i> control during a full season in migratory beekeeping systems  Elian Tourn – <i>Argentina</i>
14:15 – 14:30	Effective summer varroa mite control with stabilized oxalic acid (VarroxSan) and minimal honey residue  Brandon Hopkins – USA
14:30 – 14:45	Using Hyperthermia against the Varroa mite - 15 years of successfully working with the Varroa Controller Wolfgang Wimmer – Austria
14:45 – 15:00	Chemical Innovations in Varroa destructor Mite Control  Rassol Bahreini – Canada
15:00 – 15:15	Sensitivity and Resistance to Amitraz and Amitraz-Based Products in Honey Bee Parasitic Mites  Michela Bertola – Italy
15:15 – 15:30	The persistence of acaricides resistance in Varroa destructor population in Canada  Rassol Bahreini – Canada
15:30 – 15:45	Chances and challenges in breeding for resistance to <i>Varroa destructor</i> – from basic principles to practical application  Martin Gabel – <i>Germany</i>
15:45 – 16:00	Impact of Varroa destructor infestation on the survival, quality, and performance of honeybee queens ( <i>Apis mellifera</i> L.) overwintered in banks <b>Andrée Rousseau</b> – <i>Canada</i>
16:00 – 16:15	The use of "Magnetto", a tool for fast capturing of queens, dramatically improves and simplifies ecological Varroa treatment based on organic acids <b>Martin Hintersteiner</b> – <i>Austria</i>

### SEPTEMBER 27th, 2025 - Saturday

HALL A3 WORKSHOP / BEEKEEPING FOR RURAL DEVELOPMENT

13:00 – 15:00 Bee-lieve in Youth: Cultivating the Next Generation of Beekeepers'

Moderators: Zahira Nedjraoui & Megan Denver & Jane Barnes













Bee-lieve in Youth at Apimondia brings together a vibrant group of young leaders and innovators who are shaping the future of beekeeping around the world.

You'll learn about shared apiary spaces in the Czech Republic and youth clubs that foster hands-on learning, to mobile apps making beekeeping education fun and accessible.

We'll also hear about inspiring projects that are bringing beekeeping into schools in rural Zimbabwe, empowering indigenous youth to build sustainable mad honey enterprises in Nepal, and large-scale educational efforts in China to connect tradition with new beekeepers.

These presentations highlight how young people from across the globe are opening up new opportunities, building community, learning from experienced beekeepers, and working to keep beekeeping strong and sustainable for the future.

13:00 – 13:05	Welcome
13:05 – 13:20	Dhurba Saud - Indigenous Youth - Mad Honey – Nepal
13:20 – 13:35	Lukas Loukota - Czech Beekeeping Club System – Czech Republic
13:35 – 13:50	<b>Japhyter Mudongo</b> - Beekeeping in Schools - Rural Youth Empowerment – Zimbabwe
13:50 – 14:05	Marek Matulík - Mobile App for Young Beekeepers – Czech Republic
14:05 - 14:20	Qiu Peicheng - Beekeeping Education Initiatives in China — China
14:20 - 14:35	Adam Šimoník - Shared Apiaries for Young Beekeepers – Czech Republic
14:35 – 14:50	Roundtable + Open Floor
14:50 – 15:00	Closing Remarks + Collaboration Ideas

### SEPTEMBER 27th, 2025 – Saturday

AUDITORIUM 11 14:00 – 17:00 **WORKSHOP / POLLEN IDENTIFICATION** 













Don't miss your opportunity to take part in a hands-on pollen identification workshop at Apimondia this year. Intertek's pollen expert, Sebastian Klingenberg, will guide you through the theory of pollen study, a sensory session, and Q&A on the subject.

#### Agenda:

- Part 1 Theory of pollen study
  - We will begin the workshop with an overview of what Palynology (the study of pollen) is, how it works, and what steps are taken in the laboratory when analysing honey samples.
- Part 2 Sensory session
  - In this part of the workshop, we'll be comparing monofloral honeys from different regions to highlight the importance of combining microscopy and sensory analysis when analysing honey samples.
- Part 3 Q&A with the expert
  - In the final part of the workshop, you'll have the opportunity to ask your pollen identification questions to Intertek's Palynologist, Sebastian Klingenberg.

Register your place here.

#### 17:00 CLOSING CEREMONY