

Australasian Honey Bee 2021 Conference

Wednesday, 30th June 2021

WEDNESDAY 30 TH JUNE	Room 1	Room 2
10.30 – 10.40	Welcome Paul McKenzie Chair, CRC for Honey Bee Products	Welcome Paul McKenzie Chair, CRC for Honey Bee Products
10.40 - 11.00	Cooper Schouten SCU Principles and practices of regenerative beekeeping	Tate Hancox UAdel/CRCHBP Leptospermum propagation for high grade bioactive honey plantations
11.00 – 11.20	Clarisa Castanos UWA/CRCHBP Honey Bee Nutrition: A lipidomic study of colony performance	Sylvester Obeng-Darko UWA/CRCHBP Production and accumulation dynamics of dihydroxyacetone and total sugar in <i>Leptospermum polygalifolium</i>
11.20 – 11.40	John Roberts CSIRO Effects of host-pathogen genetics and nutritional resilience on chalkbrood outbreaks	Peter Brooks USC/CRCHBP The Analysis of Bioactive Components in Australian Manuka Honeys and Nectars
11.40 – 12.00	Omar Anwar UWA/CRCHBP Electronic beehive monitoring; the good, the bad and the ugly	Ashley Zamek HIA Novel technologies and practices for the optimisation of pollination within protected cropping environments
12.00 – 12.20	Madlen Kratz NSW DPI Effects of nutrition on honeybee health and colony performance during crop pollination	Bryan Boruff UWA/CRCHBP Better than going abroad: reimagining WA's agricultural resources as tourist destination
12:20 – 13:40	Lunch Break	
13.40 – 14.00	Julia Grassl UWA/CRCHBP The future of bee health monitoring	Joanne Picknoll UWA/CRCHBP A new approach to inform restoration and management decisions for apiculture
14.00– 14.20	Elizabeth Frost NSW DPI Breeding for improved fertility of honey bees; don't underestimate the drones	Yuqi Yang UWA/CRCHBP Honey Bee Friendly Botanic Gardens Design
14.20 – 14.40	Jody Gerdts Bee Scientifics Investigations of Varroa resistance honey bee breeding programs for application in Australia	Margaret Byrne DBCA/CRCHBP Genetic analysis confirms the need to split <i>Leptospermum</i> into multiple genera –
14.40 – 15.00	Jess Bikaun UWA/CRCHBP Sniffing out American foulbrood: Volatile biomarkers for non-invasive diagnosis	Christopher Wellington UTas/CRCHBP Bioactive honey production: Genetic variability of nectar traits in Tasmanian <i>Leptospermum scoparium</i>
15.00 - 15.20	Shannon Holt UWA/CRCHBP Detecting Immune Response Proteins in the Honey Bee	Kate Delaporte UAdel/CRCHBP Regional impacts <i>Leptospermum</i> growth for Bioactive Honey plantations in South Australia
15:20 – 15:40	Afternoon Tea Break	
15.40 – 16.00	Kit Prendergast CRCHBP Using video recordings to understand ecological patterns of flower visitor assemblages on an Australian tropical island ecosystem	Anneliese Austin Bees for Sustainable Livelihoods/SCU Gender equity in beekeeping: Lessons from Papua New Guinea
16.00 – 16.20	Discussion	Discussion

Australasian Honey Bee 2021 Conference

Thursday, 1st July 2021

THURSDAY 1 ST JULY	Room 1	Room 2
8.30 – 8.40	Good morning	Good morning
08.40 – 09.00	Katja Hogendoorn/UAdel Considerations when designing <i>Leptospermum</i> honey production areas	Peter Brooks USC HPLC- DAD of Honey Phenolics and Flavonoids for Authentication and Bioactivity
09.00 - 09.20	Kevin Foster UWA/AgriFutures/CRCHBP Bee Friendly Pastures: A partnership to expand and secure Australia's floral resources	Trong Tran USC Phenolic compounds in honey bee propolis and their therapeutic values
09.20 - 09.40	Daniela Scaccabarozzi Chem Centre Compositional diversity of Bee venom from a <i>Corymbia calophylla</i> (Marri) ecosystem	Md Khairul Islam UWA/CRCHBP Tracking of thermal changes in honey using High-Performance Thin Layer Chromatography
09.40 - 10.00	Kenneth Ho UWA/CRCHBP East meets West: Exploring cross-cultural differences in consumer attention to honey labels	Md Lokman Hossain UWA Honey-Based Medicinal Formulations: A review
10:00 – 10:40	Morning Tea Break	
10.40 - 11.00	Soheila Beiranvand USC/CRCHBP Phenolic and flavonoid content of Australian honeys and their antioxidant potential	Yasvir Tesiram Bruker Using Magnetic Resonance as a technique to ensure purity and authenticity, adding value to Australian honey as a premium product
11.00 – 11.20	Katherine Hammer UWA/CRCHBP Antibacterial activity of Western Australian monofloral honeys	Lynne Milne Chem Centre/CRCHBP International certification of jarrah honey: establishing a mono-floral pollen standard
11.20 – 11.40	Kathryn Green UWA/CRCHBP Methods for measuring the antibacterial activity of honey	Francisco Encinas-Viso CSIRO Effective monitoring of terrestrial ecosystems with honeybees and DNA metabarcoding
11.40 – 12.00	Fraser Russell USC/CRCHBP Modelling the kinetics of antioxidant activity for Australian Eucalyptus honeys	Lynne Milne ChemCentre/CRCHBP The marri mono-floral honey pollen standard and protocols for avoiding marri blends
12.00 – 12.20	Katharina Schmidt UTas/TBA/CRCHBP Antioxidant Activity of Leatherwood Honey and the Correlation with Chemical and Physico-Chemical Parameters	Daniela Scaccabarozzi and Campbell Chem Centre/Curtin A ground-based tree flower sampling tool enabling botanical, chemical, and ecological studies
12:20 – 13:20	Lunch Break	
13.20 – 13.40	Vidushi Patel UWA/CRCHBP Social-ecological representation of beekeeping: An initiative towards unfolding interconnectivities for sustainable decision-making	Sadia Chowdhury UQ Why the official test for adulteration fails Australian honey
13.40 – 14.00	Linda Wilson UWA/CRCHBP In the eye of the bee-holder: sharing perspectives on beekeeper resource insecurity	Deni Taleski NMI NMR honey analysis and database development
14.00 – 14.20	Daniel Dixon UWA/CRCHBP Environmental impact on flowering	Ivan Lawag UWA/CRCHBP A modified Folin-Ciocalteu assay for the determination of total phenolics in honey

14.20 – 14.40	Cheryl Day UWA/CRCHBP Valuing Natural Resources for Migratory Beekeepers in Western Australia	Md Khairul Islam UWA/CRCHBP Multivariate analysis of High-Performance Thin Layer Chromatography derived data of Banksia honeys
14.40 - 15.00	Madlen Kratz NSW DPI Honeybee nutrition and effective crop pollination at an avocado orchard	Md Lokman Hossain UWA HPTLC as a novel analytical tool for release studies of honey-based formulations
15:00 – 15:40	Afternoon Tea Break	
15.40 – 16.00	Liz Barbour CRCHBP The CRC for Honey Bee Products journey	John Roberts CSIRO Biosecure importation of Varroa resistant honey bee genetics
16.00 – 16.20	Discussion	Discussion