



4th AUSTRALIAN
Bee Congress

CELEBRATING HONEY BEES

8 - 11 June 2022

At the heart of a healthy Australia

Rosehill Gardens, Sydney, NSW

www.australianbeecongress.com.au

Principal Congress Sponsor



PROGRAM

(correct at 14th May 2022, subject to change)

Wednesday 8th June

3:00pm – 7:30pm

Registration Desk Open

Exhibitor Bump-in

Grand Pavilion Level 1, Rosehill Gardens

5:30pm – 7:30pm

Welcome Reception

Grand Pavilion Level 2, Rosehill Gardens

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SELECT HARVESTS

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PROGRAM - Day 1

Thursday 9th June

8.00am **Registration Desk & Tradeshow Open**
Grand Pavilion Level 1, Rosehill Gardens

Session 1 **Congress Opening**
Grand Pavilion Level 2 South, Rosehill Gardens

9.00am **Welcome**
Dr Shona Blair, Chair of Congress Organising Committee

9.15am **Plenary Address: The History of Beekeeping in Australia**
Trevor Weatherhead AM, Chair of the Australian Honey Bee Industry Council Inc

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9.45am **Platinum Sponsor Address**
Nuplas Pty Ltd



Session 2 **Bee Tech Competition**
Grand Pavilion Level 2 South, Rosehill Gardens
Chair: Olympia Yarger, GoTerra

9.50am **21st Century trends in Agriculture and how beekeeping can leverage the opportunities**
John Harvey, AgriFutures Australia

10.05am

Bee Tech pitches

New beekeeping technologies will be showcased by 7 competitors in 3-minute pitches – Visit the Bee Tech competitors' displays throughout Congress and vote for the technologies you think will be most helpful for beekeepers.

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AgriFutures[®]
**Honey Bee
& Pollination**

11.00am Morning Tea and Tradeshow

Session 3 Concurrent Session

	3A: Industry updates	3B: Pests, Disease, Biosecurity
<i>Room</i>	<i>Grand Pavilion Level 2 South</i>	<i>Grand Pavilion Level 2 North</i>
<i>Chair</i>	<i>AHBIC CEO</i>	<i>Diana Leemon</i>
11.30am – 11.50am	Australian Honey Bee Industry Council (AHBIC) national priorities Trevor Weatherhead	AFB barrier system disease management in a commercial beekeeping business Casey Cooper
11.50am – 12.10pm	AgriFutures Honey Bee and Pollination Panel update Prof Ben Oldroyd	Varroa response, State Quarantine Response Teams, and all things bee biosecurity Nikki Jones
12.10pm – 12.30pm	Bushfire Industry Recovery Research update Stephen Targett	Small hive beetle - current and future developments and applications Kevin Farnier
12.30pm – 12.50pm	CRC Pollination Security bid application update Fiona Chambers	AFB E-nose technology research update and commercialisation plans Jessica Bikaun & Dr Julia Grassl

12.50pm Lunch & Tradeshow

Session 4 Concurrent Session

	4A: Flora and bee nutrition	4B: Honey - traceability, authentication and sensory
<i>Room</i>	<i>Grand Pavilion Level 2 South</i>	<i>Grand Pavilion Level 2 North</i>
<i>Chair</i>	<i>Dr Julia Grassl</i>	<i>Dr Nural Cokcetin</i>
1.50pm – 2.10pm	Honey and pollen flora of SE Australia Dr Doug Somerville	Honey authentication using RNA (genetic) markers Dr Sarah Bajan
2.10pm – 2.30pm	CRC Honey Bee Products – nutrition research Clarisa Castanos	Honey fingerprinting (chemistry) Assoc Prof Cornelia Locher

	4A: Flora and bee nutrition (continued)	4B: Honey - traceability, authentication and sensory (continued)
2.30pm – 2.50pm	Honey bee nutrition research update Madlen Kratz	Honey quality and chemistry AgriFutures project update Jamie Ayton
2.50pm – 3.10pm	Floral preferences during almond pollination Karen Santos	Honey traceability Kim Feddema
3.10pm – 3.30pm	When Bee Foundation Bee Friendly Planting Guides Fiona Chambers	An overview of medicinal honey research with an accreditation focus Kathryn Green

3.30pm Afternoon Tea & Tradeshow

Session 5 Concurrent Session

	5A: Bee biology	5B: Medicinal honey
<i>Room</i>	<i>Grand Pavilion Level 2 South</i>	<i>Grand Pavilion Level 2 North</i>
<i>Chair</i>	<i>Dr Tom Gillard</i>	<i>Dr Soumi Paul Mukhopadhyay</i>
4.00pm – 4.20pm	Bee health and cognitive behaviour within honey bees Prof Andy Barron	Antifungal activity of honey Prof Dee Carter
4.20pm – 4.40pm	<i>Apis cerana</i> : Australia's other honey bee Dr Ros Gloag	How bee health impacts honey activity Dr Kenya Fernandes
4.40pm – 5.00pm	Best bees for Asia Pacific conditions and the 5 Pillars of beekeeping Dr Cooper Schouten	Medicinal and active honey Dr Nural Cokcetin

6.00pm - 9.00pm **Trade Show Evening Function**
Trade Exhibition areas, Rosehill Gardens

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PROGRAM - Day 2

Friday 10th June

7.00am -
8.30am

Beekeepers Breakfast

Quiz facilitated by Steve Fuller – and exciting team prizes to be won!
Baguette & Marscay Rooms, Rosehill Gardens

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Australian Rainforest Honey

8.30am

Registration Desk & Tradeshow Open

Grand Pavilion Level 1, Rosehill Gardens

Session 6

Plenary Session

Grand Pavilion Level 2 South, Rosehill Gardens

8.45am

Official Opening

9.00am

Plenary Address: Honey bee science – Emeritus Professor Ben Oldroyd, Professor of Behavioural Genetics, University of Sydney
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9.30am

Plenary Address: Medicinal honey – the history and the science
Dr Nural Cokcetin, Research Fellow, ithree institute, University of Technology Sydney

10.00am


Morning Tea and Tradeshow

Session 7 Concurrent Session

	7A: Pollination resilience	7B: Education and social enterprise
<i>Room</i>	<i>Grand Pavilion Level 2 South</i>	<i>Grand Pavilion Level 2 North</i>
<i>Chair</i>	<i>Danny Le Feuvre</i>	<i>Diana Leemon</i>
10.30am – 10.50am	The future of temperature sensing in hive auditing Dan Cook	Bees for development/international workers Dr Cooper Schouten
10.50am – 11.10am	Mechanical pollination, what is the future, will it ever replace honeybees? Prof Andy Barron	Accredited Beekeeper Traineeship and Certificate III in Beekeeping delivery Bianca Giggins
11.10am – 11.30am	Nutrition and pollination in protected cropping Sophie Parks	Creative education, teaching kids to be citizen scientists Amelie Vanderstock
11.30am – 11.50am	Research in protected cropping systems Carolyn Sonter	TheBeekeeper.org and Flow Hive - funding global pollinator initiatives and beekeeping for development Stuart Anderson
11.50am – 12.10pm	B-Qual – industry owned Quality Assurance updates TBC	Training apiary dos/don'ts lessons for recreational beekeeping clubs and groups Dr Kathy Knox
12.10pm-12.30pm	Panel discussion	Sweet Justice – education in youth detention Claire Moore

12.30pm Lunch and Tradeshow

Session 8 Concurrent Session

	8A: Business building and diversification	8B: Queen breeding - Part 1
<i>Room</i>	<i>Grand Pavilion Level 2 South</i>	<i>Grand Pavilion Level 2 North</i>
<i>Chair</i>	<i>Dr Nural Cokcetin</i>	<i>Trevor Weatherhead AM</i>
1.30pm – 1.50pm	Australian propolis properties and research update Dr Trong Tran	2021 Plan Bee beekeeper survey results Dr Nadine Chapman
1.50pm – 2.10pm	Venom collection and processing practicalities James Watts	NZ queen breeding research and practical applications Dr Gertje Petersen <i>Sponsored by</i> 
2.10pm – 2.30pm	Business diversification: Goldfields Honey history Vicki Lockwood	Plan Bee - program overview and key outcomes to date Elizabeth Frost

	8A: Business building and diversification (continued)	8B: Queen breeding - Part 1 (continued)
2.30pm – 2.50pm	How honey sommelier tools advance industry Dr Soumi Paul Mukhopadhyay	Running a commercial queen breeding business – tips and tricks Adrian Grew
2.50pm – 3.10pm	Panel: Commercial beekeeping questions and answers Laurie Kershaw, Casey Cooper, Steve Fuller, Jon Lockwood	Artificial insemination of queens best practice Dr Tom Gillard

3.10pm Afternoon Tea and Tradeshow

Session 9 Concurrent Session

	9A: Land use and climate - impacts on beekeeping businesses	9B: Queen breeding - Part 2
<i>Room</i>	<i>Grand Pavilion Level 2 South</i>	<i>Grand Pavilion Level 2 North</i>
<i>Chair</i>	<i>Stephen Targett</i>	<i>Trevor Weatherhead AM</i>
3.40pm – 4.00pm	Eucalyptus recovery to flowering after bushfire Brad Law	HortInnovation VSH-stock importation project update John Roberts
4.00pm – 4.20pm	Climate change impact on beekeeper floral resources Assoc Prof Bryan Boruff	Breeding for varroa resistance - the New Zealand experience Rae Butler
4.20pm – 4.40pm	Sustainable Farming Strategy - where do beekeepers fit? Katie McRobert	Australian Queen Bee Breeding Association update Richard Sims
4.40pm – 5.00pm	The future of land management - with beekeepers in mind Linda Wilson	Bee Breeding for Australia book Dr Nadine Chapman

7.00pm – 11.00pm Congress Dinner
Grand Pavilion Level 2, Rosehill Gardens

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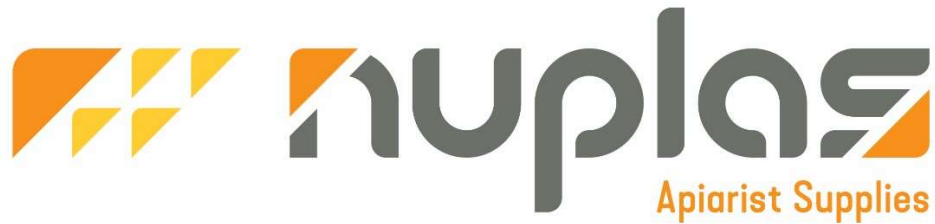


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PROGRAM - Day 3

Saturday 11th June

8.30am **Registration Desk & Tradeshow Open**
Grand Pavilion Level 1, Rosehill Gardens

Session 10 ***Bee Bites Symposium***
Grand Pavilion Level 2 South
Chair: Ashley Zamek, Hort Innovation

9.00am - **Bee Bites Symposium**
 10.00am Cast your vote as bee and honey researchers present their work in 3 minutes. While People's Choice Award is tabulated and the expert judge panel confer, the lucky door prize will be drawn so first in best chance at winning the raffle!


10.00am **Morning Tea and Tradeshow**

Session 11 ***Concurrent Session***

	11A: Industry Resilience	11B: Pollination
<i>Room</i>	<i>Grand Pavilion Level 1 South</i>	<i>Grand Pavilion Level 1 North</i>
<i>Chair</i>	<i>Peter McDonald</i>	<i>Ashley Zamek</i>
10.30am – 10.50am	'Mate helping mate' mental health check John Harper	Australian Almond Board industry update and future hive needs Tim Jackson
10.50am – 11.10am	1st generation beekeeper lessons Danny Le Feuvre	Pollination brokering for the future, overview of the positives Trevor Monson
11.10am – 11.30am	Succession planning for your business' future Paul Blackshaw	Top issues and applied research needs to solve them Ashley Zamek
11.30am – 11.50am	Top tips for selling a beekeeping business Stephen Targett	Pollination tips and tricks for successful beekeeping Steve Fuller
11.50am- 12.10pm	Drought hub industry funding opportunities Cindy Cassidy	Pesticide effects on bees and what the beekeeper can do Prof Andy Barron

12.10pm **Lunch and Tradeshow**

Session 12 Concurrent Session

	12A: Practical Beekeeping	12B: Future Bees
Room	Grand Pavilion Level 1 South	Grand Pavilion Level 1 North
Chair	Steve Cunial	AgriFutures Australia
1.10pm – 1.30pm	Record-keeping to The Code Rod Bourke	New Zealand - Technology to increase hive data, what's in it for queen breeders? Dr Gertje Petersen Sponsored by 
1.30pm – 1.50pm	Pollination logistics for recreational beekeepers Trevor Monson	Australia - Future for bee technology and what it can do for beekeepers Dan Cook
1.50pm – 2.10pm	Refrigerated trucks and best practice hive transport Lindsay Callaway	NZ Mite Tracker App history and application Rae Butler
2.10pm – 2.30pm	Panel: Designing cool rooms for various commercial scales Matt Skinner, Casey Cooper, Lindsay Callaway, Jacob Stevens	

Session 13 Closing Ceremony

2.30pm – 3.00pm Closing Ceremony

3.00pm Afternoon Tea

5.30pm – 10.15pm **Vivid Lights Harbour Cruise**
Buses depart from Rosehill Gardens (Might and Power Entrance) at 5.30pm sharp and will return to Rosehill Gardens at approx. 10.15pm

Saturday Coffee Cart Sponsor



3rd Australian Native Bee Conference

The 3rd Australian Native Bee Conference will be held 11-12 June 2022, also at Rosehill Gardens. For further information, please visit <https://www.anba.org.au/anba-conference/>