



# 4th AUSTRALIAN Bee Congress

CELEBRATING HONEY BEES

8 - 11 June 2022

At the heart of a healthy Australia  
[www.australianbeecongress.com.au](http://www.australianbeecongress.com.au)

Rosehill Gardens, Sydney, NSW

## PROGRAM

(correct at 29th April 2022, subject to change)

### Wednesday 8<sup>th</sup> June

3:00pm – 7:30pm **Registration Desk Open**

5:30pm – 7:30pm **Welcome Reception**  
*Rosehill Gardens*

Sponsored by



SELECT HARVESTS

### PROGRAM - Day 1

### Thursday 9<sup>th</sup> June

**8:00am Registration Desk Opens**

**Session 1 Congress Opening**

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*

Sponsored by



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



## Session 2 Bee Tech Competition

Chair: AgriFutures Australia

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

10:05am **10 Bee Tech pitches**  
New beekeeping technologies will be showcased by 10 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.

Sponsored by



## 11:00am Morning Tea and Trade Exhibition

## Session 3 Concurrent session

	<b>3A: Industry updates</b>	<b>3B: Pests, Disease, Biosecurity</b>
<i>Chair</i>	<b>AHBIC CEO</b>	<b>Diana Leemon</b>
11:30am – 11:50am	Australian Honey Bee Industry Council (AHBIC) national priorities <b>Trevor Weatherhead</b>	AFB barrier system disease management in a commercial beekeeping business <b>Casey Cooper</b>
11:50am – 12:10pm	AgriFutures Honey Bee and Pollination Panel update <b>Prof Ben Oldroyd</b>	Varroa response, State Quarantine Response Teams, and all things bee biosecurity <b>Nikki Jones</b>
12:10pm – 12:30pm	Bushfire Industry Recovery Research update <b>Stephen Targett</b>	Small hive beetle - current and future developments and applications <b>Kevin Farnier</b>
12:30pm – 12:50pm	CRC Pollination Security bid application update <b>Fiona Chambers</b>	AFB E-nose technology research update and commercialisation plans <b>Jessica Bikaun/Julia Grassl</b>

## 12:50pm Lunch & Trade Exhibition

## Session 4 Concurrent session

	<b>4A: Flora and bee nutrition</b>	<b>4B: Honey - traceability, authentication and sensory</b>
<i>Chair</i>	<b>Julia Grassl</b>	<b>Nural Cokcetin</b>
1:50pm – 2:10pm	Honey and pollen flora of SE Australia <b>Doug Somerville</b>	Honey authentication using RNA (genetic) markers <b>Sarah Bajan</b>

2:10pm – 2:30pm	CRC Honey Bee Products – nutrition research <b>Clarisa Castanos</b>	Honey fingerprinting (chemistry) <b>Cornelia Locher</b>
2:30pm – 2:50pm	Honey bee nutrition research update <b>Madlen Kratz</b>	Honey quality and chemistry AgriFutures project update <b>Jamie Ayton</b>
2:50pm – 3:10pm	What else do bees eat during almond pollination in Victoria? <b>Karen Santos</b>	Honey traceability <b>Kim Feddema</b>
3:10pm – 3:30pm	When Bee Foundation Bee Friendly Planting Guides <b>Fiona Chambers</b>	An overview of medicinal honey research with an accreditation focus <b>Kathryn Green</b>

**3:30pm**                      **Afternoon Tea & Trade Exhibition**

**Session 5**                      **Concurrent session**

	<b>5A: Bee biology</b>	<b>5B: Medicinal honey</b>
<i>Chair</i>	<i>Tom Gillard</i>	<i>Soumi Mukhopadhyay-Paul</i>
4:00pm – 4:20pm	Bee health and cognitive behaviour within honey bees <b>Andy Barron</b>	Antifungal activity of honey <b>Dee Carter</b>
4:20pm – 4:40pm	Queen biology and production basics for quality <b>Elizabeth Frost</b>	How bee health impacts honey activity <b>Kenya Fernandes</b>
4:40pm – 5:00pm	Best bees for Asia Pacific conditions and the 5 Pillars of beekeeping <b>Cooper Schouten</b>	Medicinal and active honey <b>Nural Cokcetin</b>

6:00pm -  
9:00pm                      **Trade Show Evening Function**  
*Trade Exhibition areas, Rosehill Gardens*  
Sponsored by



**Thursday Coffee Cart Sponsor**



## PROGRAM - Day 2

Friday 10<sup>th</sup> June

**7:00am - 8:30am**      **Beekeepers Breakfast**  
Quiz facilitated by Steve Fuller – and exciting team prizes to be won!

Sponsored by  
**Australian Rainforest Honey**

**8 :30am**      **Registration Desk Opens**

**Session 6**      **Plenary Session**

8:45am      **Official Opening**

9:00am      **Plenary Address: Honey bee science – Emeritus Professor Ben Oldroyd, Professor of Behavioural Genetics, University of Sydney**  
Sponsored by



9:30am      **Plenary Address: Medicinal honey – the history and the science**  
*Dr Nural Cokcetin, Research Fellow, itthree institute, University of Technology Sydney*

**10:00am**      **Morning Tea and Trade Exhibition**

**Session 7**      **Concurrent Session**

	<b>7A: Pollination resilience</b>	<b>7B: Education and social enterprise</b>
<b>Chair</b>	<b>Danny Le Feuvre</b>	<b>Diana Leemon</b>
10:30am – 10:50am	The future of temperature sensing in hive auditing <b>Dan Cook</b>	Bees for development/international workers <b>Cooper Schouten</b>
10:50am – 11:10am	Mechanical pollination, what is the future, will it ever replace honeybees? <b>Andy Barron</b>	Accredited Beekeeper Traineeship and Certificate III in Beekeeping delivery <b>Bianca Giggins</b>
11:10am – 11:30am	Nutrition and pollination in protected cropping <b>Sophie Parks</b>	Creative education, teaching kids to be citizen scientists <b>Amelie Vanderstock</b>
11:30am – 11:50am	Research in protected cropping systems <b>Carolyn Sonter</b>	TheBeekeeper.org and Flow Hive - funding global pollinator initiatives and beekeeping for development <b>Stuart Anderson</b>

	<b>7A: Pollination resilience (contined)</b>	<b>7B: Education and social enterprise (continued)</b>
11:50am – 12:10pm	B-Qual – industry owned Quality Assurance updates <b>TBC</b>	Training apiary dos/don'ts lessons for recreational beekeeping clubs and groups <b>Kathy Knox</b>
12:10pm-12:30pm	<b>Panel discussion</b>	Sweet Justice – education in youth detention <b>Claire Moore</b>

### 12:30pm Lunch and Trade Exhibition

### Session 8 Concurrent Session

	<b>8A: Business building and diversification</b>	<b>8B: Queen breeding - Part 1</b>
<i>Chair</i>	<i>Nural Cokcetin</i>	<i>Trevor Weatherhead</i>
1:30pm – 1:50pm	Australian propolis properties and research update <b>Trong Tran</b>	2021 Plan Bee beekeeper survey results <b>Nadine Chapman</b>
1:50pm – 2:10pm	Venom collection and processing practicalities <b>James Watts</b>	NZ queen breeding research and practical applications <b>Gertje Petersen</b>
2:10pm – 2:30pm	How honey sommelier tools advance industry <b>Soumi Mukhopadhyay-Paul</b>	Plan Bee - program overview and key outcomes to date <b>Elizabeth Frost</b>
2:30pm – 2:50pm	Business diversification: Goldfields Honey history <b>Vicki Lockwood</b>	Running a commercial queen breeding business – tips and tricks <b>Adrian Grew</b>
2:50pm – 3:10pm	<b>Panel:</b> Commercial beekeeping questions and answers <b>Laurie Kershaw, Casey Cooper, Steve Fuller, Jon Lockwood</b>	Artificial insemination of queens best practice <b>Tom Gillard</b>

### 3:10pm Afternoon Tea and Trade Exhibition

### Session 9 Concurrent Session

	<b>9A: Land use and climate - impacts on beekeeping businesses</b>	<b>9B: Queen breeding - Part 2</b>
<i>Chair</i>	<i>Stephen Targett</i>	<i>Trevor Weatherhead</i>
3:40pm – 4:00pm	Eucalyptus recovery to flowering after bushfire <b>Brad Law</b>	HortInnovation VSH-stock importation project update <b>John Roberts</b>
4:00pm – 4:20pm	Remote sensing of eucalyptus flowering and bushfire <b>Daniel Dixon</b>	Breeding for varroa resistance - the New Zealand experience <b>Rae Butler</b>
4:20pm – 4:40pm	Sustainable Farming Strategy - where do beekeepers fit? <b>Katie McRobert</b>	Australian Queen Bee Breeding Association update <b>Richard Sims</b>

	<b>9A: Land use and climate - impacts on beekeeping businesses (continued)</b>	<b>9B: Queen breeding - Part 2 (continued)</b>
4:40pm – 5:00pm	The future of land management - with beekeepers in mind <b>Linda Wilson</b>	Bee Breeding for Australia book <b>Nadine Chapman</b>

**7:00pm – 11:00pm Congress Dinner**

*Sponsored by*



**Australian Government**  
**Royal Australian Mint**

**Friday Coffee Cart Sponsor**



## PROGRAM - Day 3

Saturday 11<sup>th</sup> June

**8:30am Registration**

**Session 10 Bee Bites Symposium**

**Chair: Ashley Zamek (Hort Innovation)**

9:00am-  
10:00am

**Bee Bites Symposium**

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 Trade Exhibition**

**Session 11 Concurrent Session**

	<b>11A: Industry Resilience</b>	<b>11B: Pollination</b>
<i>Chair</i>	<i>Peter McDonald</i>	<i>Ashley Zamek</i>
10:30am – 10:50am	'Mate helping mate' mental health check <b>John Harper</b>	Australian Almond Board industry update and future hive needs <b>Tim Jackson</b>
10:50am – 11:10am	1st generation beekeeper lessons <b>Danny Le Feuvre</b>	Pollination brokering for the future, overview of the positives <b>Trevor Monson</b>

	<b>11A: Industry Resilience (continued)</b>	<b>11B: Pollination (continued)</b>
11:10am – 11:30am	Succession planning for your business' future <b>Paul Blackshaw</b>	Top issues and applied research needs to solve them <b>Ashley Zamek</b>
11:30am – 11:50am	Top tips for selling a beekeeping business <b>Stephen Targett</b>	Pollination tips and tricks for successful beekeeping <b>Steve Fuller</b>
11:50am-12:10pm	Drought hub industry funding opportunities <b>Cindy Cassidy</b>	Pesticide effects on bees and what the beekeeper can do <b>Andy Barron</b>

## **12:10pm Lunch and Trade Exhibition**

## **Session 12 Concurrent Session**

	<b>12A: Practical Beekeeping</b>	<b>12B: Future Bees</b>
<i>Chair</i>	<i>Steve Cunial</i>	<i>AgriFutures Australia</i>
1:10pm – 1:30pm	Record-keeping to The Code <b>Rod Bourke</b>	New Zealand - Technology to increase hive data, what's in it for queen breeders? <b>Gertje Petersen</b>
1:30pm – 1:50pm	Pollination logistics for recreational beekeepers <b>Trevor Monson</b>	Australia - Future for bee technology and what it can do for beekeepers <b>Dan Cook</b>
1:50pm – 2:10pm	Refrigerated trucks and best practice hive transport <b>Lindsay Callaway</b>	NZ Mite Tracker App history and application <b>Rae Butler</b>
2:10pm – 2:30pm	<b>Panel:</b> Designing cool rooms for various commercial scales <b>Lindsay Callaway, Jacob Stevens</b>	

## **Session 13 Closing Ceremony**

**2:30pm – 3:30pm Closing Ceremony**

**3:30pm Afternoon Tea**

**5.30pm – 10:15pm Vivid Lights Harbour Cruise**

**Saturday Coffee Cart Sponsor**



### **3<sup>rd</sup> Australian Native Bee Conference**

The 3<sup>rd</sup> 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/>