

national science week 2019

COFFEE IN SPACE

What does it take to turn an astronaut into a barista?



ALL
EVENTS ARE
FREE

The year is 2025, in Melbourne, Coffee Capital of the World. The Space Agency managing Australia's new international space station assembles a panel of scientists and baristas to design a coffee-making process for space-travelling coffee connoisseurs.

Coffee-making in space, however, is a challenging proposition. How do you grind the coffee without coffee grounds flying everywhere? How does an astronaut drink a floating ball of hot coffee? What to do with dead coffee grounds? Is space-made coffee even drinkable?

A Facilitator leads a 'Hypothetical', challenging the experts in an open forum to resolve the issues. Members of the public observe the role-play to learn about the art and science of roasting, grinding and extracting coffee in the extremes of space. The audience is then invited to join the discussion.

This event is preceded by a public lecture in which scientists de-mystify the science behind coffee. After the event, members of the public are invited to taste and rate the different styles of coffee discussed, and discover with the benefit of microscopes how the different shapes and sizes of coffee grinds affect taste.

MAIN EVENTS

8 August 2019
Albury-Wodonga
La Trobe campus

9 August 2019
Shepparton
La Trobe campus

11 August 2019
Melbourne
Arts Centre
Melbourne

18 August 2019
Bendigo
Discovery Science
& Technology Centre

SESSION DETAILS

Session	Description
Public lecture	Scientists give a taste of the craft and science behind coffee-making.
Public forum	Scientists and baristas role-play the challenges of roasting, grinding and extracting quality coffee in the extremes of space. Audience members are then invited to participate in the problem-solving.
Coffee tastings	Members of the public taste and rate different coffee styles and with the benefit of microscopes discover how the shapes and sizes of coffee grinds affect taste.

PROGRAM

Date	Time	Event type	Venue
8 August 2019	4pm – 5pm	Public lecture	Albury-Wodonga (La Trobe campus)
	5pm – 6pm	Coffee tasting	
9 August 2019	4pm – 5pm	Public lecture	Shepparton (La Trobe campus)
	5pm – 6pm	Coffee tasting	
11 August 2019	1pm – 2pm	Public lecture	Melbourne (Arts Centre Melbourne)
	2pm – 3pm	Public forum	
	3pm – 4pm	Coffee tasting	
18 August 2019	3pm – 4pm	Public forum	Bendigo (Discovery Science & Technology Centre)
	4pm – 5pm	Coffee tasting	



Register via Eventbrite: coffeeinspace.eventbrite.com.au