

Threads + Opportunities:

science engineering sustainable fibres, for closing the loop in Australia

online
virtual
event

Keynotes on Circularity -
of fibres, and more

Keynotes – The Future
& Event Summation

23 – 26 May 2022
Program*

Mon 23 May 10:30AM–12PM^{AEST}
Chair: Colleen MacMillan, CSIRO

- **ECR Pitchathon team** Student “Circular fibres” Pitchathon overview
- **Jo Grainger** Minister Counsellor (Agriculture) at the Australian Mission to the EU, Belgium
- **Edwin Keh** CEO, Hong Kong Research Institute Textiles and Apparel
- **Barry Irvin** Executive Chairman, BEGA Cheese Ltd
- **Veena Sahajwalla** Founder and Director, SMARt Centre UNSW

Thu 26 May 2–2:45PM^{AEST}
Chair: Oliver Knox, UNE

- **Rebecca Earley** Circular Textiles now to 2050
- **Pitchathon Winners** - Colin Scott
- **Peter Riddles** Event Summation Keynote

themes span fibre from cradle to grave, and beyond

Lessons from First Nations fibres – Australia and NZ: then, now, future

Mon 23 May 12:30–2PM^{AEST}
Chair: Torres Webb, CSIRO

- Plenary
- Weaving Together the Art and Science of Australian Natural Dyes
 - Harakeke - NZ flax
 - The process and notion of naturally dyeing fabric
 - First Nations Leadership, Rights, Self-determination & Sovereignty through circular economy

Redesigning fibres:
Trends, Challenges,
Opportunities, via natural &
man-made fibres

Tue 24 May 10:30AM–12PM^{AEST}
Chair: Filomena Pettolino, CSIRO

- Plenary
- cellulosic fibres + fibre-fibre recycling
 - BioInspired silk/leather (synbio +)
 - Plant-generated next-gen fibres
 - Algae as natural and man-made fibres

Option. 12:30–1:30PM^{AEST}
RSVP-capped interactive session

Tracking fibre through its life: Trends, Challenges,
Opportunities in making
+ tracing

Wed 25 May 10:30AM–12PM^{AEST}
Chair: Alice Payne, QUT

- Plenary
- Fibre Tracing
 - Clothing design for sustainability
 - Wool designed by nature to close the loop
 - Synbio functionalities for textiles
 - The Wellbeing Wardrobe

Option. 12:30–1:30PM^{AEST}
RSVP-capped interactive session

Fibre Waste: Trends,
Challenges, Opportunities on
impacts in the soil, water, waste
reduction, recycling

Thu 26 May 10:30AM–12PM^{AEST}
Chair: Stuart Gordon, CSIRO

- Plenary
- From dirt to shirt: cotton's story
 - Waste insights Charitable Recyclers Australia
 - Fibre waste in the soil
 - Fibre pollution in the water
 - The Case of Ghana

Option. 12:30–1:30PM^{AEST}
RSVP-capped interactive session



* Program current @ 14 May 2022

Symposium Organising Committee



More info + Registration:

<https://events.csiro.au/Events/2022/February/8/Threads-and-Opportunities>

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