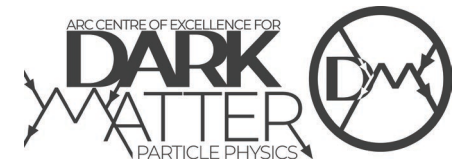
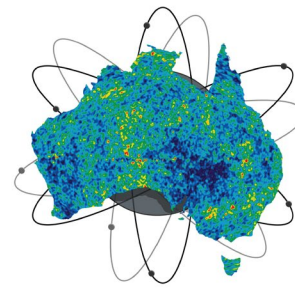


NATIONAL Quantum & Dark Matter ROAD TRIP



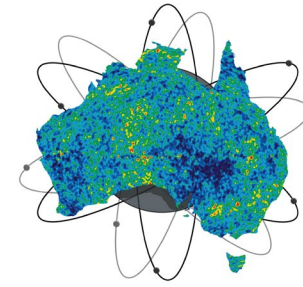


NATIONAL Quantum & Dark Matter ROAD TRIP

What's the Road Trip?



What's the Road Trip?



NATIONAL
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ROAD TRIP

national science week

An Australian-wide celebration of science and technology that runs every year in August.

The Quantum Dark Matter Road Trip travelled to Schools and public spaces to take our science around Australian Communities!



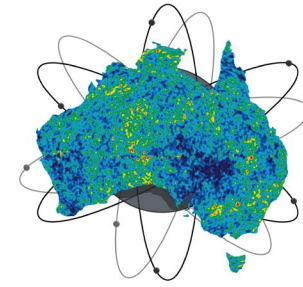
**Brisbane/
Meanjin
8th August**



**Perth/
Boorloo
26th August**



Who went?



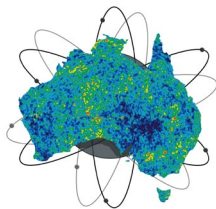
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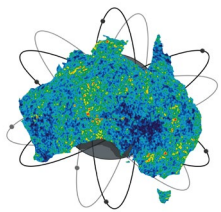
Collaboration of Australian Universities for research into *Quantum machines* and *Quantum Physics*

CDM Road Trippers

- Ben McAllister – Swinburne / UWA
- Elrina Hartman - UWA
- Emily Filmer - Adelaide
- Giorgio Busoni - ANU
- Graeme Flower - UWA
- Harish Potti - Adelaide
- Irene Bolognino - Adelaide
- Jackie Bondell - Melbourne
- Jeremy Bourhill - UWA
- Matt Gerathy - Melbourne
- Raghda Abdel Khaleq - ANU
- Renee Key - Swinburne
- Will Campbell - UWA



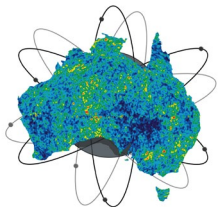
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CDM Support

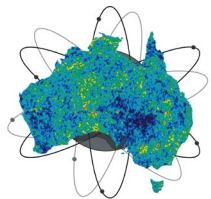
- Fleur Morrison
- Jackie Bondell
- Linda Barbour
- Anita Vecchies
- Kylie Hamill
- Michelle Abbott
- Node administrators



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Statistics

- 12,000km driven between Brisbane and Perth (2 cars) over 3 weeks
- 2000 people engaged with
- 40 cities and towns
- 25 regional and remote schools
- 14 Public events
- 24 Road trippers across CDM and EQUS
- 100s of hours of preparation
- Tons of fun



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Quairading Hotel

TRIVIA NIGHT

Join the National Quantum & Dark Matter Road Trip in Quairading for an evening of pub trivia with a twist of science!

FREE ENTRY!

Fun! Trivia! Prizes!

Teams of up to 6 people

25 August 2022

7:00-9:00 pm

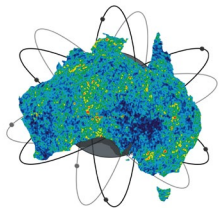
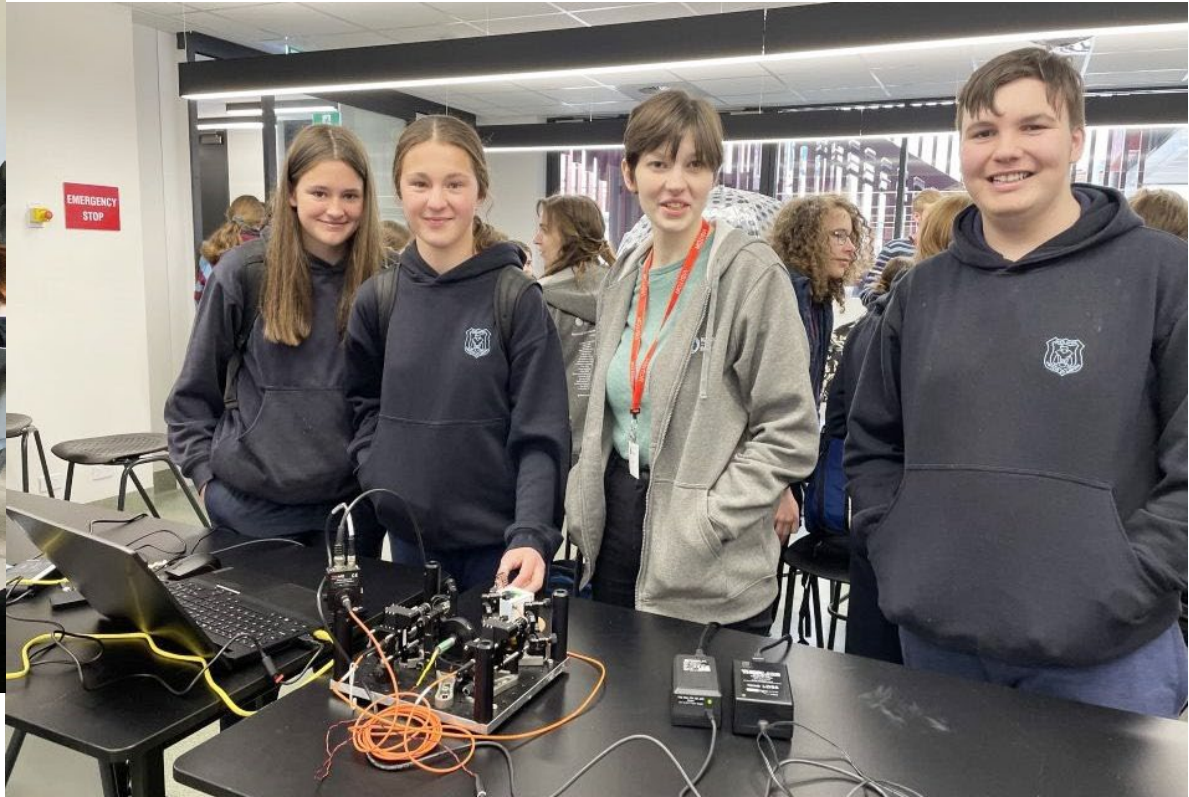
national science week

An Australian Government Initiative

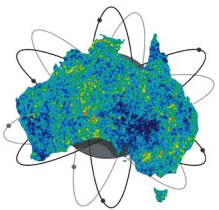
Inspiring Australia

DARK MATTER
PARTICLE PHYSICS

EQUS
Australian Research Council
Centre of Excellence for
Engineered Quantum Systems



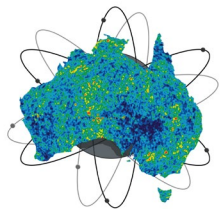
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Promotion

- Road Trip website
- NSW website
- Social media – Twitter, Instagram



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ROAD TRIP

- Home
- Explore
- Notifications 20+
- Messages
- Bookmarks
- Lists
- Profile
- More

Tweet

← National Quantum & Dark Matter Road Trip
97 Tweets

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Following

National Quantum & Dark Matter Road Trip
@qdmroadtrip

The National Quantum & Dark Matter Road Trip will spread the word about physics around Australia. Visit the website to see when we'll be in your neighbourhood!

qdmroadtrip.org Joined June 2022

76 Following 86 Followers

Followed by Raghda AK, Harish Potti, and 18 others you follow

Tweets Tweets & replies Media Likes



ROAD-TRIPPER



Will Campbell

PhD student
CDM & EQUIS
University of Western Australia
Road-tripping Bendigo to Adelaide

What do you do?

My work involves looking at certain crystals, which vibrate at specific tones, much like a guitar string vibrates to make sound. We analyse this vibration to see whether any cool and interesting new particles are interacting with it, such as dark matter or gravitational waves.

How did you get to where you are today?

I always wanted to be an engineer and studied the required maths and physics to get into engineering. Slowly along the journey I fell in love with physics and the deeper understanding that comes with studying it. Also the people in physics are all great.

What's the best thing about your role?

The best thing about my role is being a small part of the cutting-edge developments that will shape the next generation of technology in the world; it's always inspiring and never dull.

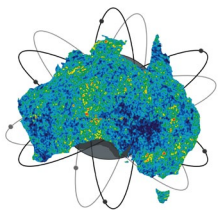
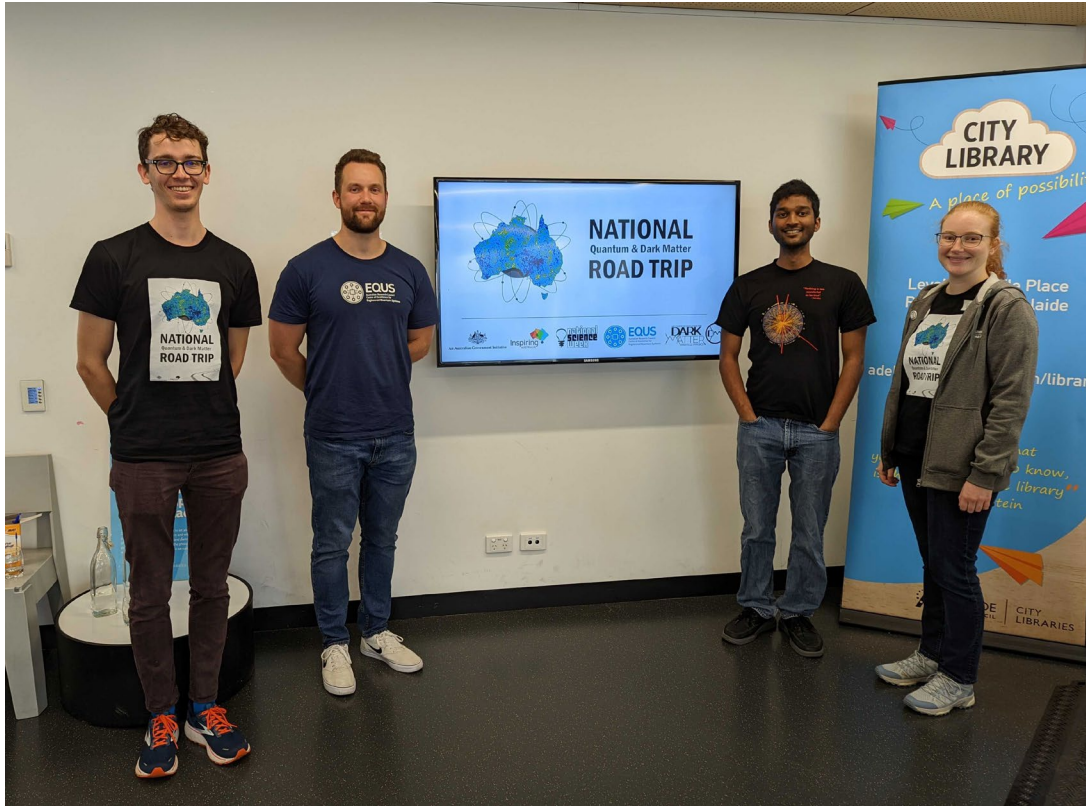
What advice would you give to someone considering studying physics?

If you're currently studying physics or science, find out which part you enjoy the most and stick with it, it only ever gets more interesting and more fun as you delve further into it.

What do you enjoy doing besides physics?

Outside of physics, I love playing and watching AFL as well as playing a bit of music here and there.

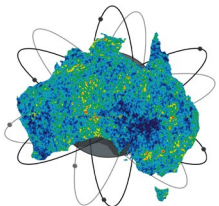
VIEW ALL ROAD-TRIPPERS

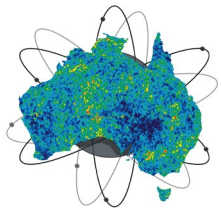


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Feedback

- Top responses to how people would describe the experience
 - *Interesting, fun, cool, informative, educational*
- Top responses to how people would describe physics
 - *Interesting, cool, confusing, hard, fun*
- Was there anything about this experience that could be improved?
 - *Less talking, more interactive, more demonstrations, more hands on activities, more time, more pictures, show videos of dark matter, more prizes, more question time*
 - *“No, it was perfect”, “Nothing, it was amazing”, “No, it was awesome”*





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Media highlights

Bendigo Advertiser

Dark Matter and quantum unpacked in nationwide science road trip

Lucy Williams • 2hrs ago



Kalgoorlie Miner | Goldfields | Regional WA

Quantum physics and dark matter explored by Eastern Goldfields College Year 12 students

Madeleine Clark | Kalgoorlie Miner
Thu, 25 August 2022 4:00AM



MANNING RIVER Times

Teaching Dark Matter to bright young minds



Research roadtrip bringing science to kids in the bush

11/03/2022 11:50 AM / 05:23

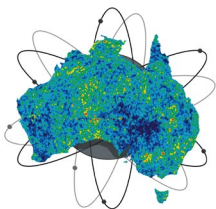
RURAL NEWS



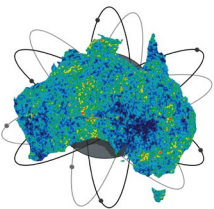
Yass Valley Times

QUANTUM AND DARK MATTER ROAD TRIP AT YASS HIGH SCHOOL

Sep 9, 2022 | General | *****



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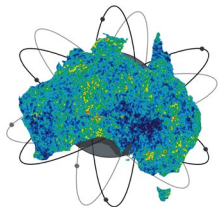


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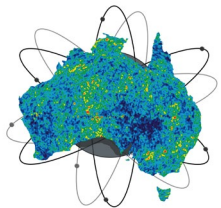
Media highlights

Prior to the road trip, EQUS and CDM members were invited to express an interest in speaking to the media throughout the event. Nine road trip participants, including students, had the opportunity to speak to newspaper, television and radio media. Media included:

- AAP (syndicated across 100+ titles)
- ABC Bendigo
- ABC Goldfields and Esperance
- ABC Goulburn Murray – *Ben McAllister*
- ABC Great Southern – *Emily Filmer*
- ABC Midwest and Geraldton
- ABC Newcastle
- ABC Radio Melbourne
- ABC Statewide – *Ben McAllister*
- ABC Wimmera – *Jackie Bondell*
- Bendigo Advertiser
- Bendigo Hit FM – *Ben McAllister*
- Byron Bay FM – *Renee Key*
- Camden Haven Courier – *Giorgio Busoni*
- Canberra Life
- Canberra Weekly
- Kalgoorlie Miner
- Manning River Times
- Noongar Radio – *Jeremy Bourhill*
- The West Australian – *Jeremy Bourhill*
- Weekly Advertiser Stawell
- WIN News Toowoomba (syndicated across Qld) – *Renee Key*
- Yass Valley Times – *Ben McAllister*
- 2GB/3AW – *Ben McAllister*

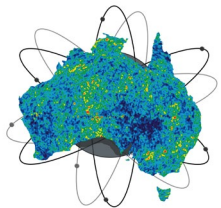


Personal highlights & lowlights



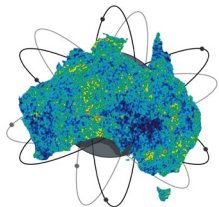
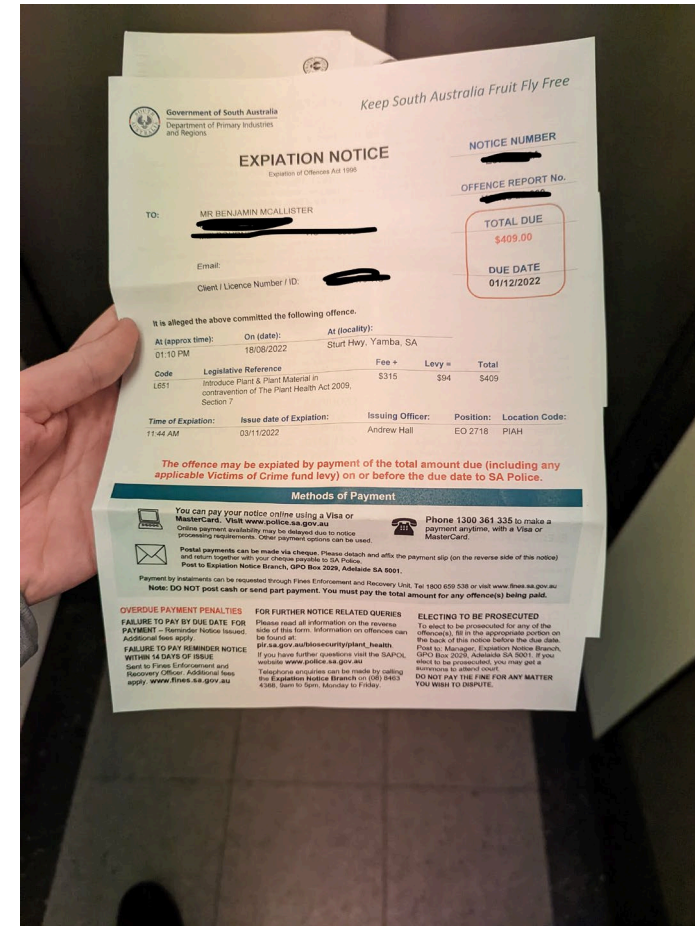
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Personal highlights & lowlights



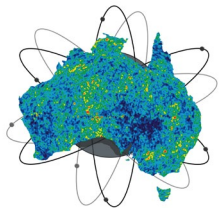
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Personal highlights & lowlights



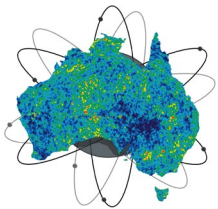
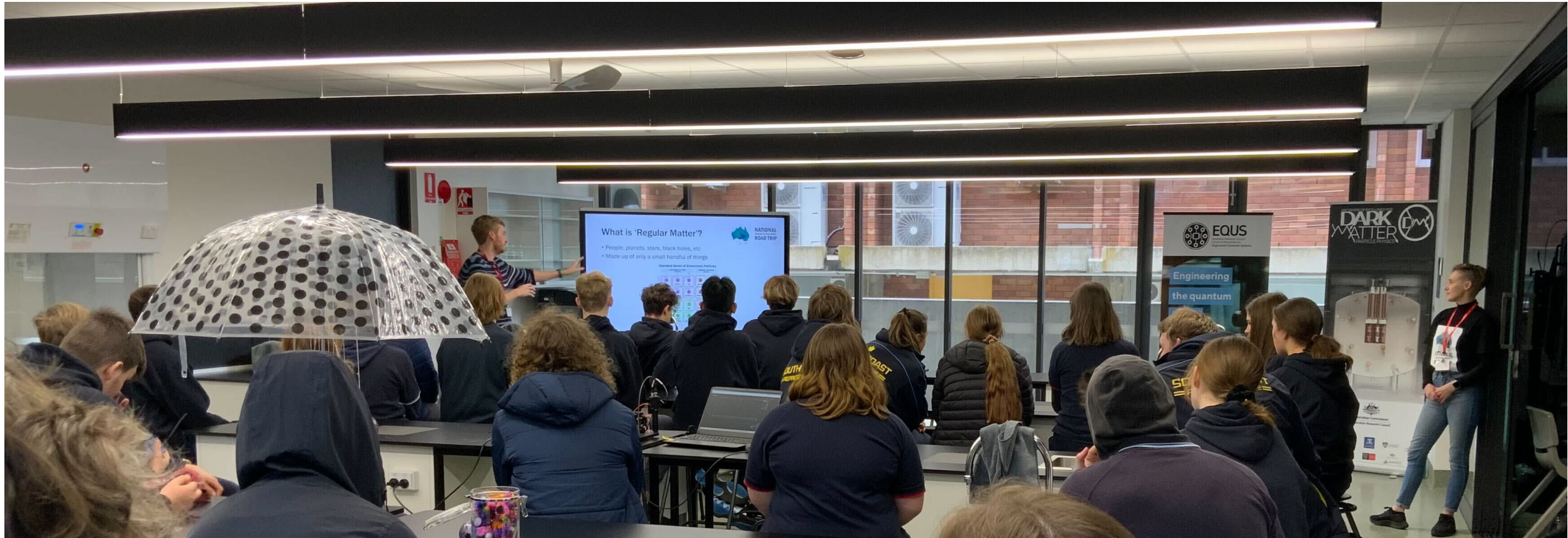
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Personal Highlights



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What next...2023?



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