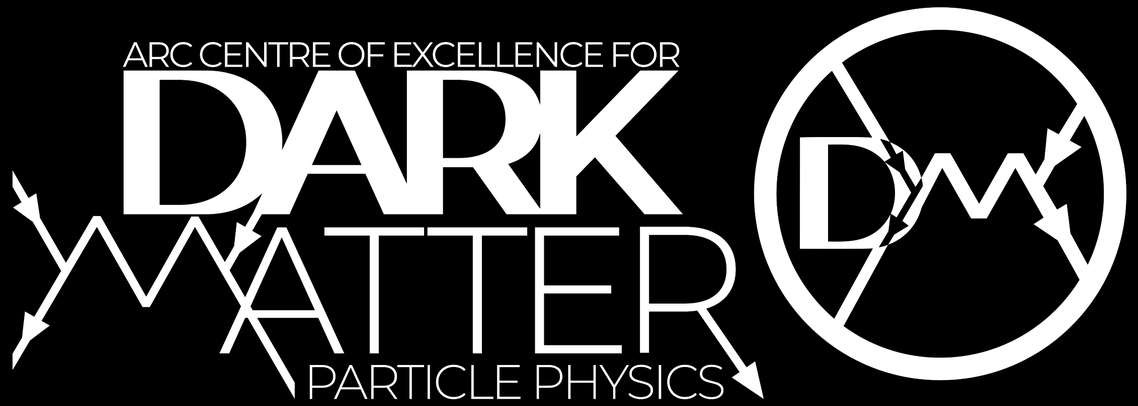
CoE Portfolios, Research Program Committee, and Executive Committee Membership



We acknowledge the Traditional Owners of the lands and waterways we stand and acknowledge their histories of continuous connection dating back more than 60,000 years. We also pay our respect to their Elders and families and respectfully acknowledge Indigenous people attending this talk.

Portfolios

Engagement and Communication
Chair: Alan Duffy

Mentoring and careers
Chair: Anthony Thomas

Equity, diversity and inclusion
Chair: Cedric Simenel

Applied innovation
Chair: Christine Thong

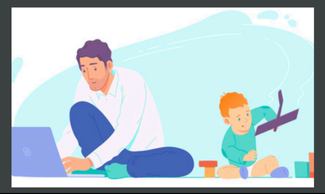
- **Each committee will have student and postdoc representation.**
- See https://darkmatteraustralia.atlassian.net/wiki/spaces/CDMPublic/pages/437780505/2020+Annual+Workshop for dedicated talks on these groups.

Equity, Diversity and Inclusion

- Leading by example towards equity and diversity through inclusion, flexibility, and inspiring new generations

Missions

- Improve gender balance in STEMs through ambitious policies
- Support families and carers
- Inspire a new, more diverse generation toward STEMs
- Build a culture of respect and inclusion

Themes

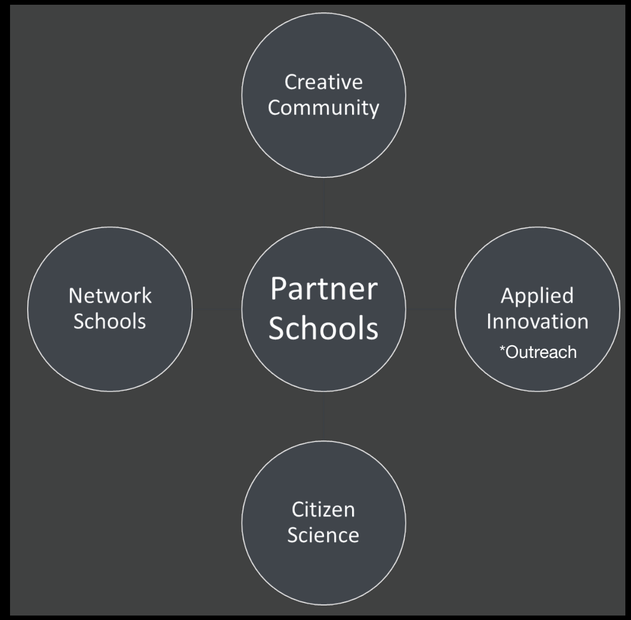
1. Towards gender balance at all levels
2. Flexible working conditions and environment
3. Social, gender and ethnic diverse STEM students
4. Respectful and inclusive community

Engagement and Communication (Outreach)

- Share the excitement and benefits of Australia's hunt for dark matter to inspire and train a new generation of innovative thinkers.

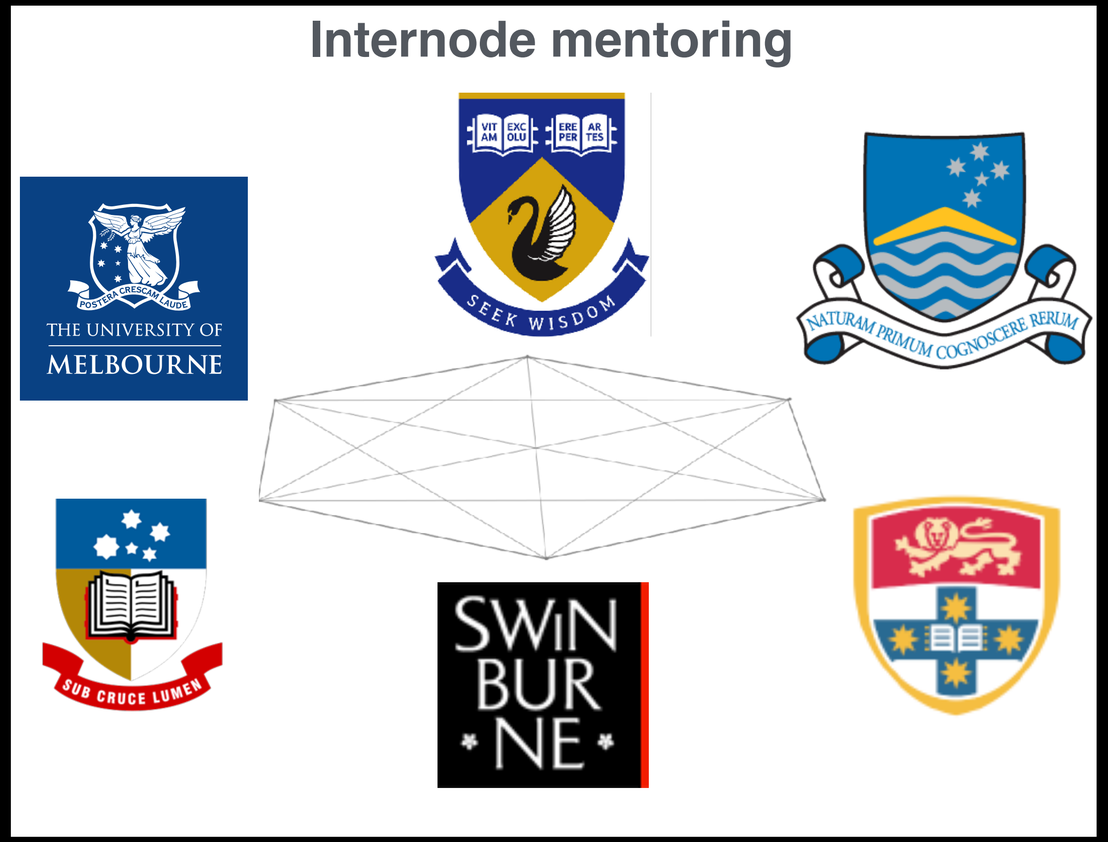
Mission

1. Role out initiatives targeted for Regional Australia first
2. Create programs to increase Women in STEM enrolment
3. Generate high-impact long-term engagements with schools
4. Leverage partnerships to reach broader audience
5. Provide community-based innovation practices



Mentoring

- Through our research program, a new generation of young Australian physicists will be trained in data intensive science and innovative technologies, providing a broad range of career options both within and outside of academic research.
- Aim to encourage each to develop students and Research Associates to the fullest potential not only in their scientific research but also in important ‘soft skills’ including training in leadership, management, selling their ideas and themselves, intellectual property and commercialisation.
- A one-day annual mentoring forum will be convened for all Centre postdocs and students in conjunction with the annual Centre workshop.



Applied Innovation (Translation)

- Translation of DM science to find A) commercial application opportunities + B) increase positive impact on society and communities.

Applied Innovation =
Innovation Lab concept:

CDM Innovation Lab activities:

1. CBI A3 to include DM CoE, ANSTO + CERN science/tech

2. Translate a version of CBI A3 to K12

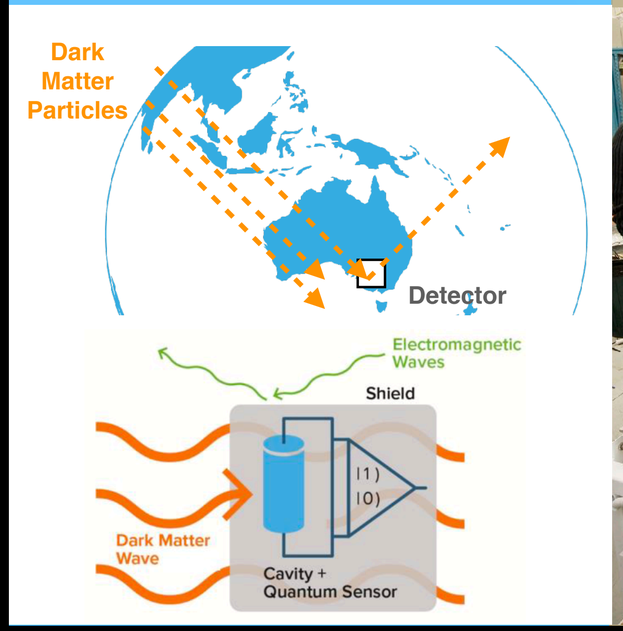
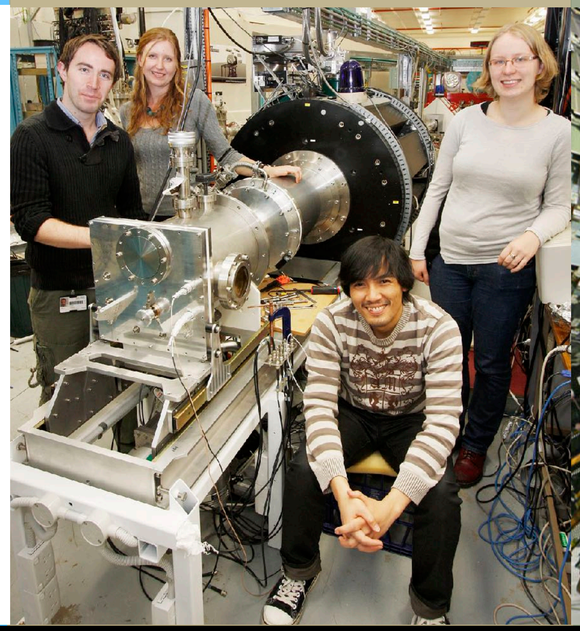
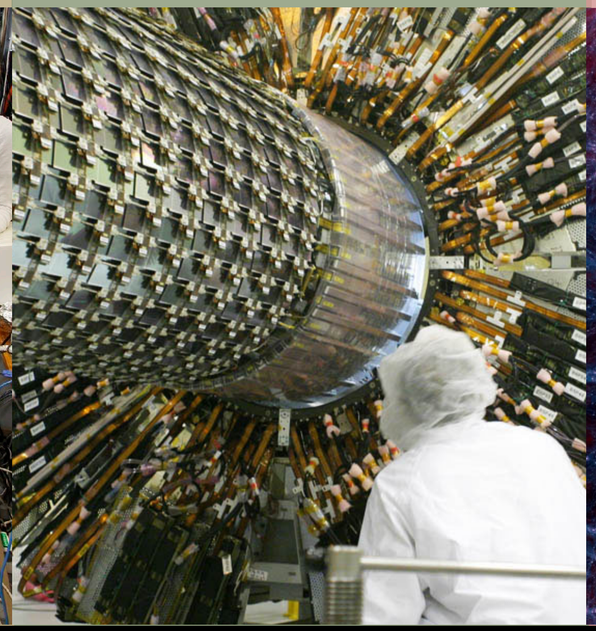
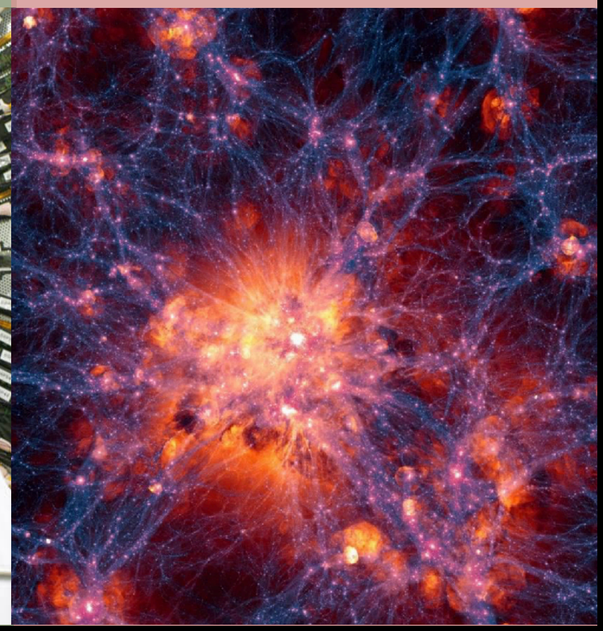
- Kreative Kits
- PhD study to pilot

3. Think Tank + innovation incentive

- Session at Annual meeting
- Seed funding to explore good ideas
- DFM student teams to explore, prototype & do user studies

Research Program Committee

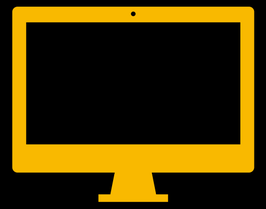
- Responsible for setting the Centre's scientific goals and performance indicators, and for building and maintaining cross-Node scientific research collaborations
- <u>The committee will have 1 student and 1 postdoc position.</u>

Direct Detection	Metrology	Large Hadron Collider	Theory
			
WIMP Leader: G. Lane **WISP Leader: M. Tobar**	**Leader: S. Tims**	**Leader: G. Taylor**	**Leader: N. Bell**

Centre Executive

- Composed of the Director, the Deputy Directors, the Node Managers and the Chief Operations Officer (COO), this committee will manage Node interaction and cooperation, and Centre resources and personnel.
- It will also oversee the substantial gender equity, education, and outreach activities conducted by the Centre and driven by the Mentoring & Careers Portfolio and the Outreach & Media Portfolio.
- There is 1 position for a postdoc on the committee.

Communication and Work Tools



Service	Free (or funded by Institutions)	Paid Server/Cloud
Wiki for collaboration documentation	MediaWiki	**Confluence (Atlassian)**
Code repository (GIT)	GitLab, **Bitbucket (Atlassian)**	—
Project and Software Planning	GitLab	**Jira (Atlassian)**
Build and Test System	Buildbot, GitLab, **Bitbucket**	—
Electronic Logbook	elog	—
Gantt charts	—	**SmartSheet**
Meeting agendas	Indico, MediaWiki	**Confluence**
Document servers	Invenio	**Confluence**
Meetings	**Zoom**	—
Chat System	**Microsoft Teams, Slack (Freemium/ Atlassian integration)**	—

DM Podcast

- Do you know what your CoE colleagues are working on, particularly those at a different node? Could you explain what they do in a few minutes?
  - This is a strong indicator of a CoE’s success.
- Can you explain your research in a way that is accessible to those in an adjacent field? i.e. theory vs experiment, LHC vs direct detection.
- Proposal to make ~5-10 minute podcasts pairing up students, postdocs (and maybe even staff) from different areas and different nodes. People would be tasked with explaining what they work on in a few minutes in a discussion format.
- We would share these on YouTube and social media.