



Australian Government  
Australian Research Council



# OzGrav

ARC Centre of Excellence for Gravitational Wave Discovery

# OzGrav Education and Public Outreach Overview

Jackie Bondell, Education and Public Outreach Coordinator

OzGrav Retreat December 2018

@ARC\_OzGrav



# Goals for today

Introductions

EPO Philosophy

Overview of what OzGrav EPO does

Highlights from 2018

Goals for 2019

Quick EPO demos

Parallel Sessions

Collaboration opportunities - Sunday



# The OzGrav EPO Team

Carl Knox - Digital Media and Marketing Officer

Mark Myers - Education and Outreach  
Content Developer



Jackie Bondell- Education  
and Public Outreach  
Coordinator

Lisa Horsley- Research  
Coordinator and Node  
Administration

# OUTREACH



“The **mission** of our centre of excellence is to use the historic first detections of

**gravitational waves**

to **understand** the extreme physics of **black holes** and **warped spacetime**

and to **inspire** the next generation of **Australian scientists and engineers** through this new window on the universe.”

Prof Matthew Bailes

# (My Personal) EPO Philosophy

Sharing our privilege

Ensure we are 'reporting' to our stakeholders

Focus on lasting impacts for teachers and students

Build on our strengths and create new opportunities and collaborations



# What Does OzGrav EPO Do?



## Outreach:

- Public Events
- University Events
- Schools Program
- Teacher Workshops
- Social Media

## Content Development:

- VR and non-VR apps
- Virtual Data Collection (schools)
- Animations and Images
- Curriculum

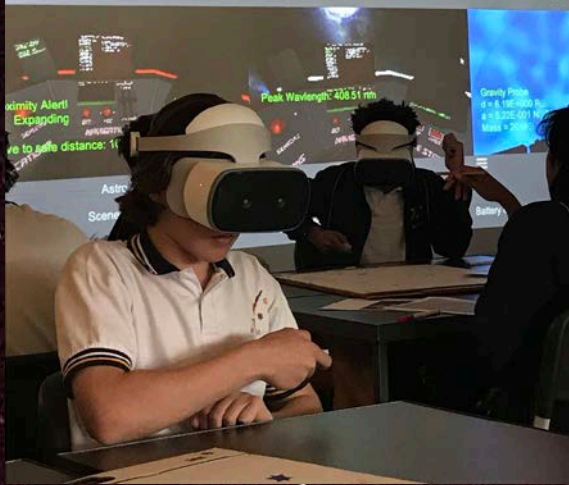
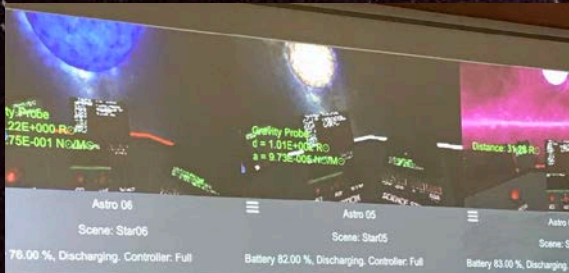
## Collaboration

- Museums
- Artists
- Education Centres
- Observatories
- Planetariums

## Member and Node Support:

- Science Communication Training
- Outreach Support
- Individualized Content
- Social Media and promotion

# OzGrav HQ EPO - 2018 Highlights



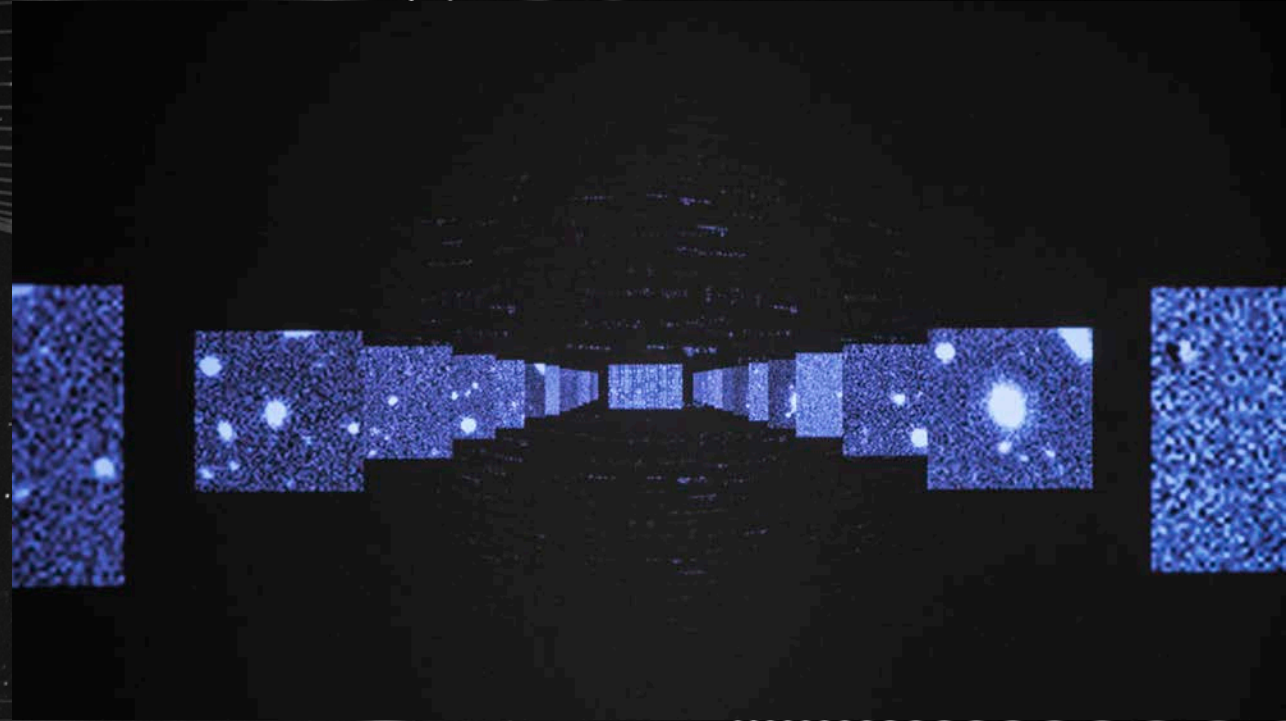
# EPO Highlights from the Nodes





# Looking Ahead to 2019...

- Expansion and assessment of Mission Gravity
- Delivery of schools program
- National Science Week / SciVR
- Teacher Engagement
- Conference Presentations
- Museum Displays
- SciComm Training
- Media release materials for discoveries
- Asset Library and presenter tools



## EPO Demos / Q & A

AMIGO

Einstein  
First

VR Tour

Flips and  
Cardboard

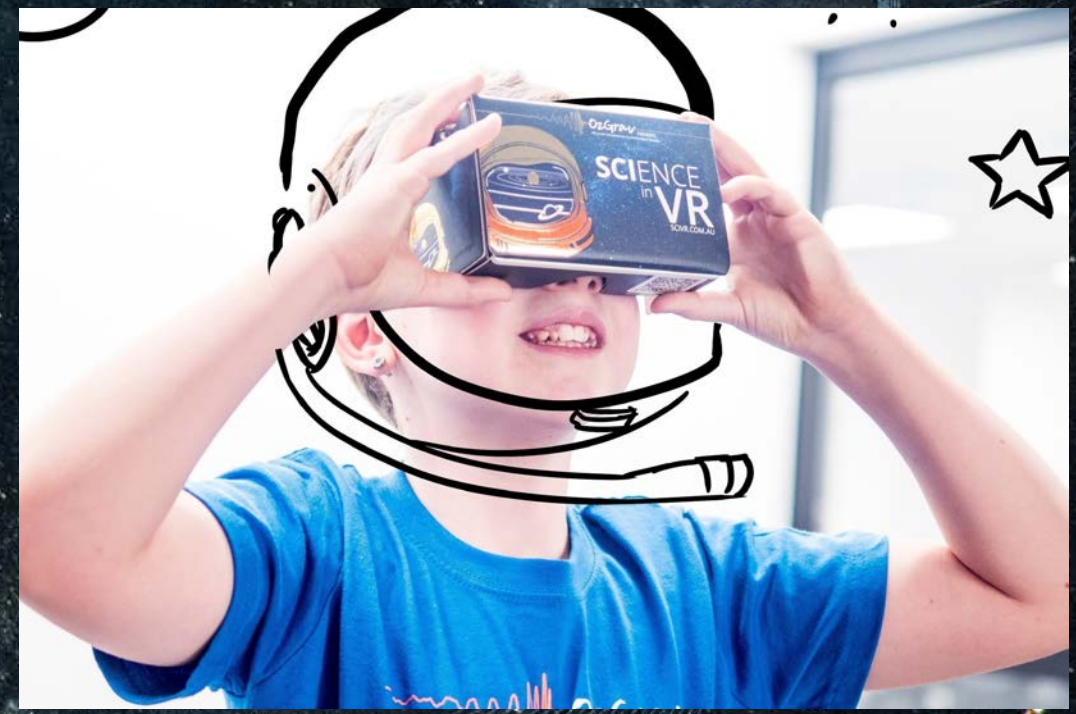
Apps and  
Fun Sheets

Mission  
Gravity

# Parallel Sessions 4 pm – 5 pm

Mission Gravity

SciVR

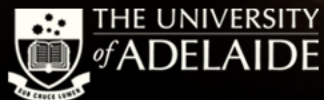


Questions?  
jbondell@swin.edu.au  
@jtkst10



OzGrav

ARC Centre of Excellence for Gravitational Wave Discovery



Australian Government  
Australian Research Council