

Gravitational Wave Astronomy North-West

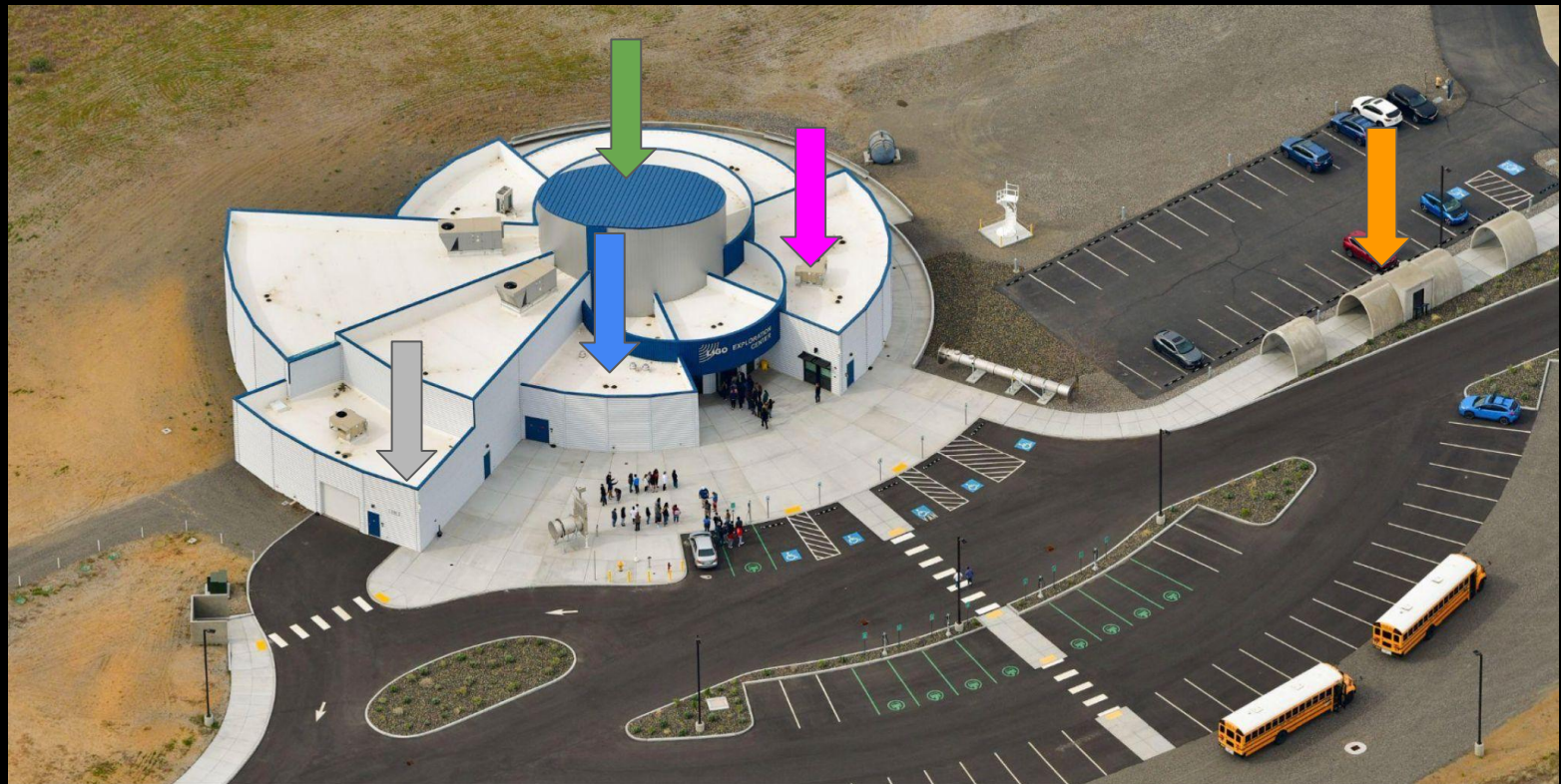
Spokane Falls, WA
s-tl-het-ku (“fast water”)



Welcome to the 8th Annual GWANW!
Jun 10 to 12 2025


Human Things

- Bathrooms and Water Stations are behind YOU
- Evacuation Areas for Fire and Lock-down Emergencies
- Coffee and Tea mugs are available for your participation in our commitment to environmental sustainability
- Lunch, snacks and dinner are provided for each day



Human Things

TUE
6/10

 **103°** /65° 0%

Very hot with times of clouds and sun; danger of dehydration and heatstroke if outside for extended periods of time

ALERTS


Red Flag Warning →
2:00 PM Monday - 8:00 PM Tuesday

ALERTS

Heat Advisory →
11:00 AM Sunday - 9:00 PM Tuesday

| | | | |
|-----------------|-------------|--------------|----------------------|
| RealFeel* | 104° | Max UV Index | 9 (Very High) |
| RealFeel Shade™ | 100° | Wind | SW 8 mph |


WED
6/11

 **94°** /60° 0%

Very hot with sunshine and some clouds

| | | | |
|-----------------|------------|--------------|----------------------|
| RealFeel* | 95° | Max UV Index | 9 (Very High) |
| RealFeel Shade™ | 91° | Wind | SSW 10 mph |

THU
6/12

 **88°** /55° 0%

Mostly cloudy and very warm; caution advised if doing strenuous activities outside

| | | | |
|-----------------|------------|--------------|------------------|
| RealFeel* | 89° | Max UV Index | 7 (High) |
| RealFeel Shade™ | 85° | Wind | SSW 9 mph |

It's still **HOT** in the desert.

The UV Index is VERY HIGH
Wind / Humidity are LOW
Fire Danger is EXTREME

When outside, we STRONGLY recommend

- Wear a hat
- Wear sunscreen
- Have a personal source of water
- Drink that water
- Holler if you're feeling it and would like help
- Watch out for others

The background of the slide is a deep space image featuring a complex nebula with swirling clouds of gas in shades of orange, red, and blue. Numerous stars of varying brightness are scattered throughout the scene, creating a sense of vastness and depth.

This is a safe space.

Take your time. Be Patient. Listen.

Enjoy the small group and schedule with plentiful breaks.

In here, we set aside the world for a moment to look

— and listen —

up!

Welcome!

GWANW 2025 :: Essential Links

- Conference Webpage & Google Schedule:

<https://ifs.uoregon.edu/gravitational-wave-astronomy-northwest-meeting-2025/>

- DCC Schedule & Talk Repository

<https://dcc.ligo.org/cgi-bin/DocDB/DisplayMeeting?conferenceid=1199>

- Speaker & Remote Participant Zoom Link

<https://caltech.zoom.us/j/82836067470>



Evening Activities

Tuesday 6/10

18:00 - 19:45

Conference Dinner

Stick + Stone Wood-Fired Pizza

3027 Duportail St, Richland,
WA 99352

[https://maps.app.goo.gl/CQS
WXwttri2C8Y3KB9](https://maps.app.goo.gl/CQS
WXwttri2C8Y3KB9)

(30 min drive from LHO)

Wednesday 6/11

18:00 - 21:00

Game Night

Common Room of
Vicinity Apts. @ Horn Rapids

2665 Kingsgate Way,
Richland, WA 99354

[https://maps.app.goo.gl/yqg
w2ACurQdzYkwe7](https://maps.app.goo.gl/yqg
w2ACurQdzYkwe7)

(15 min drive from LHO)

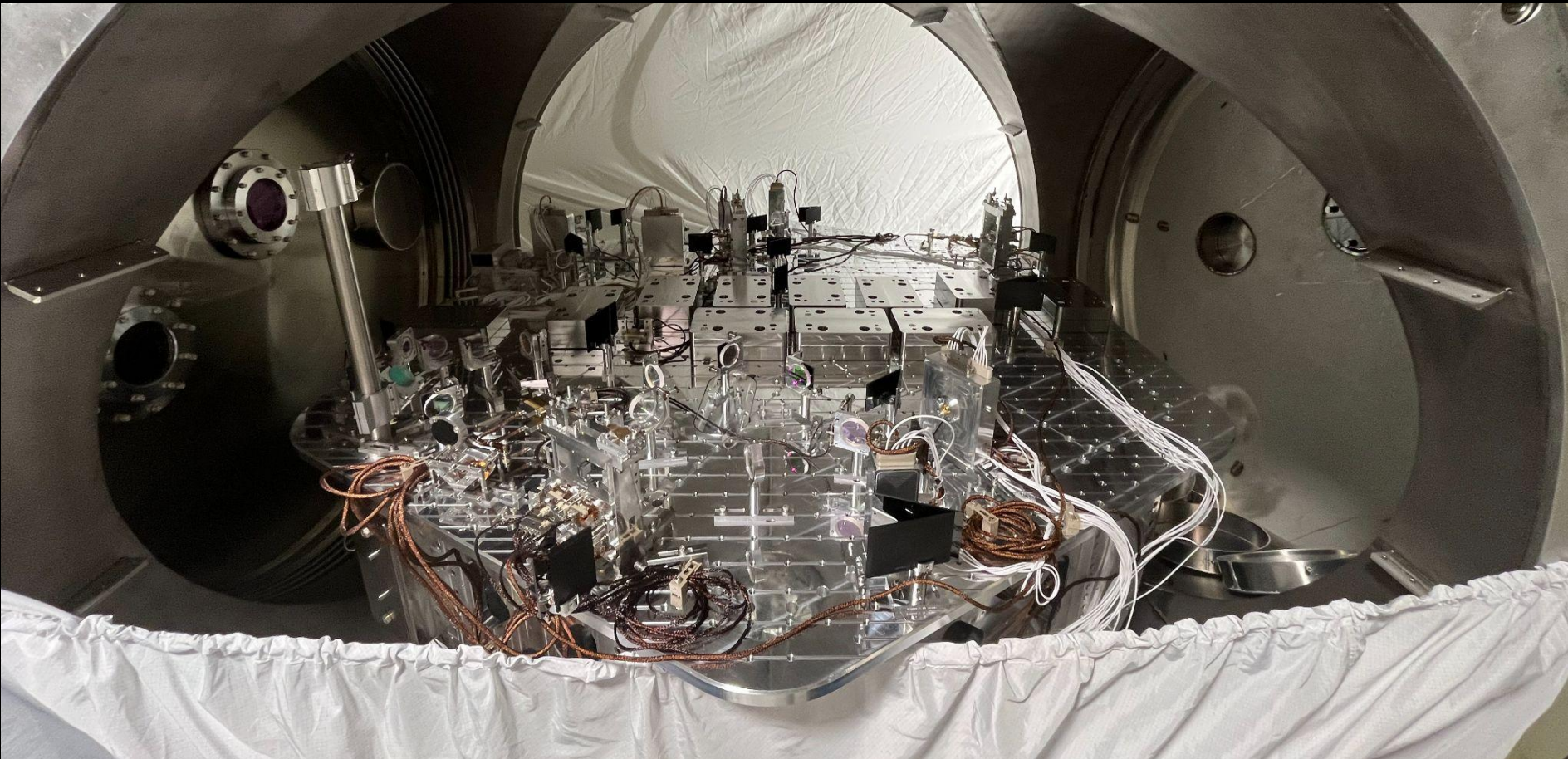
This year's GWANW Member-Cohost / Organizer / Benefactor:

University of Oregon / Ben Farr



THANK YOU!!





09:15 LIGO Hanford Tour and LIGO Plenaries

11:00 Coffee Break

11:30 LISA and PTA Plenaries

12:30 Lunch

14:00 Contributed Talks

15:00 Coffee Break

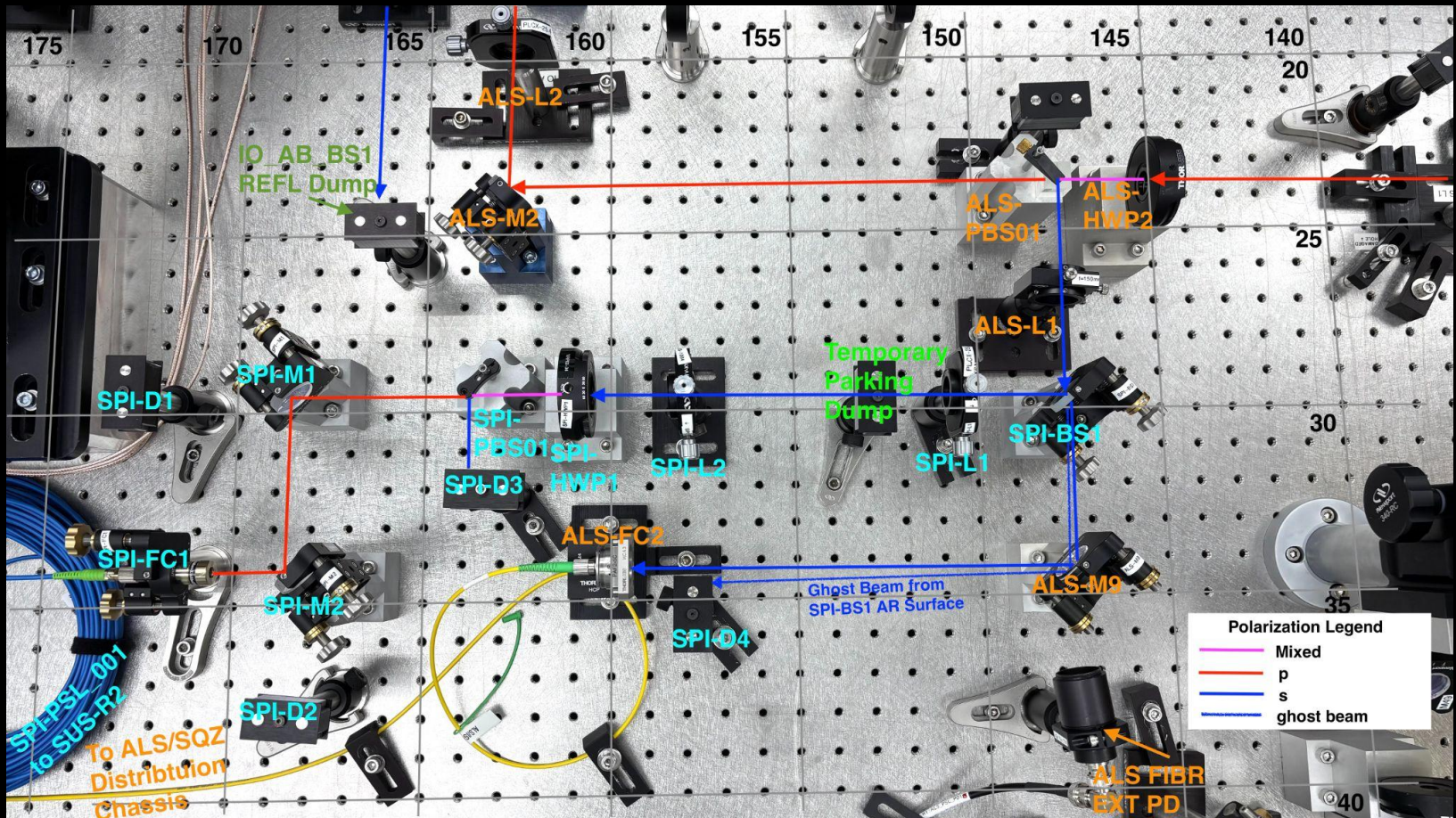
15:30 Contributed Talks

16:30 fin

18:00 Conference Dinner!

GWANW 2025 :: DAY 2

[LHO:83989](#)



09:30 Contributed Talks

10:30 Coffee Break

11:00 Education and Public Outreach

12:30 Lunch

14:00 Contributed Talks

15:30 Coffee Break

16:00 Contributed Talks

17:00 fin

18:00 Game Night!

GWANW 2025 :: Day 3



09:30 Data Analysis Tutorial

10:30 Coffee Break

11:00 Controls Tutorial

12:00 Lunch

13:00 Controls Tutorial

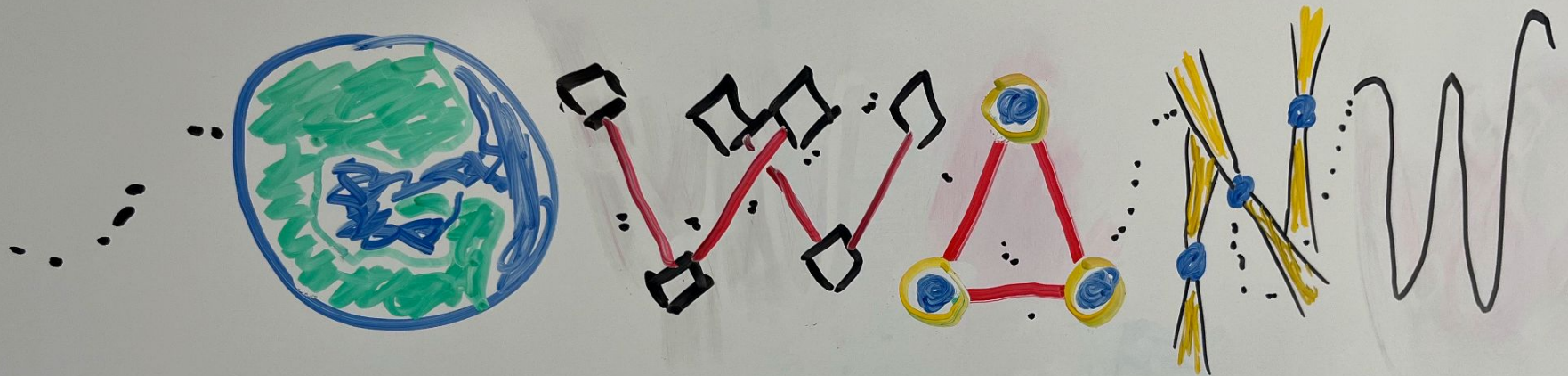
14:00 Coffee Break

14:30 Afternoon Tutorial

15:30 Close Out & Safe Travels!

GWANW Future Logo??

First Draft of Idea by J. Kissel

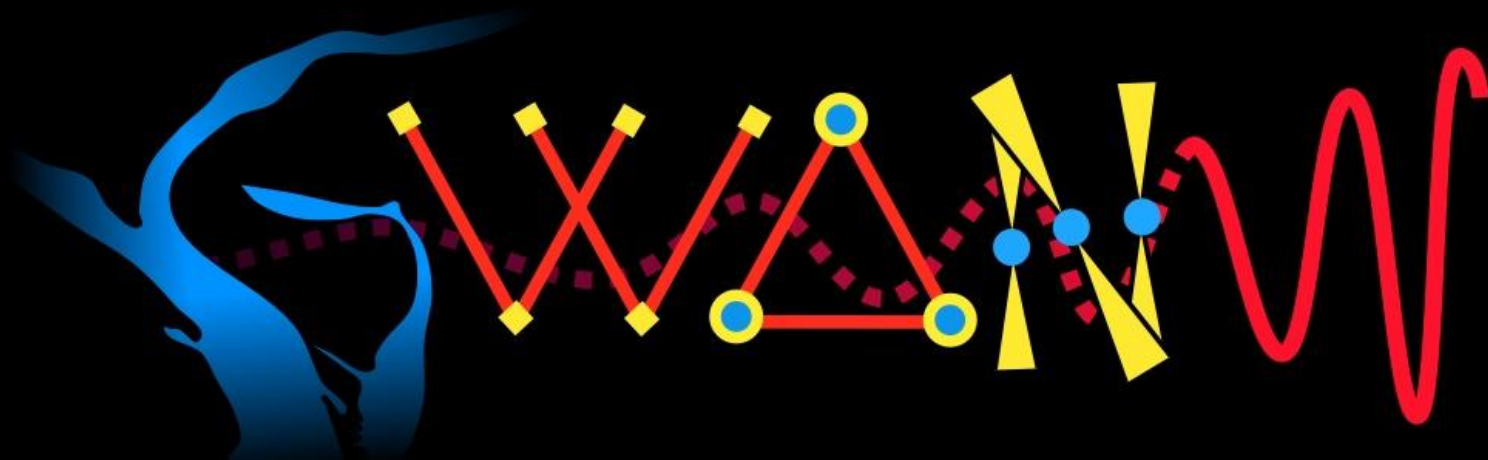


Earth “upside down”
Central and South America
+ Florida & Caribbean Islands
form the G

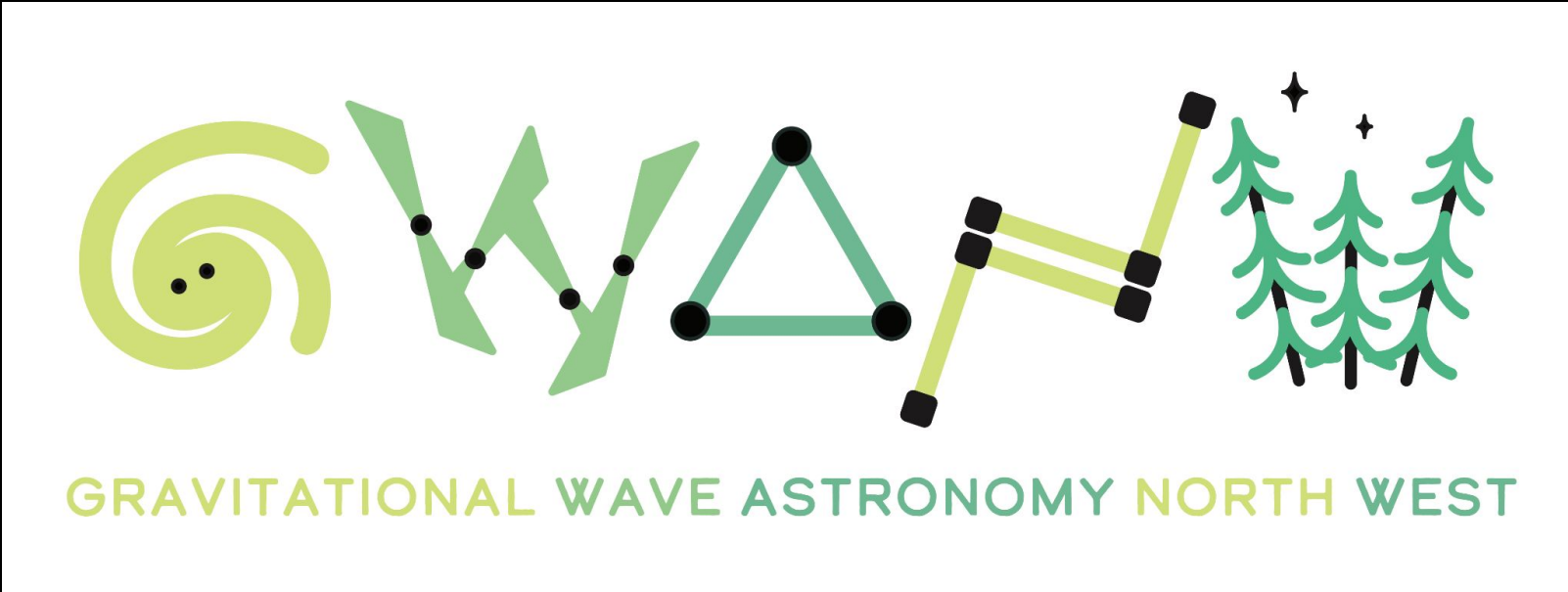
GW Detectors
Further away from
earth, longer arms

Last W is formed by the last
bit of an inspiral, but the
wave goes through all other
“letters,” the earth and
detectors with transparency
/ in the background

Neunzert, A. Submission Mar 2024



Godfrey, J. Submission Jun 2025



Look it's us!



Tell your PNW colleagues and friends to join the google group!

<gwanw@googlegroups.com>

Most conversation about the meeting (and other GWANW-related announcements) will be on this mailing list.

LIGO people: this cannot be done with your ligo.org google account; you need another google account. (If your home institution uses google, there's a *chance* that that will work.)

1. Go to Google Groups: Navigate to groups.google.com
2. Sign in: Use your existing Google Account to sign in.
3. Find the group: Search for the group by name, email address, or topic.
4. Join by submitting a membership request using the "Ask to join group" or "Contact owners and managers," button

GWANW 2026

Mark Your Calendars! Tell your PNW Colleagues!

Aug 10 - 12 2026

Back at LIGO Hanford Observatory

Host Institution: U. Montana / Deborah Good