



The Dawn Report and the Future of GW Science

David Shoemaker, MIT



The Dawn Workshop

The **Dawn VI: Next Generation Observatories** workshop took place over three days, 5-7 October, 2021. More than 200 physicists and astronomers attended to contribute to, and learn from, a discussion of next-generation ground-based gravitational-wave detectors.

(<https://gwic.ligo.org/dawn-6/>)

This workshop series is supported by the NSF as a mechanism for **gathering input on future directions** in gravitational-wave science from the community.

Today: A summary of the presentations and feedback from the recent Dawn meeting



The Dawn Report

The Dawn Report gives snapshots of the observational science foreseen, largely from the perspective of those *not* in the GW field, and also a bit on the technology and plans for CE. It also carries endorsements.

The **Dawn Report**, along with the Cosmic Explorer Horizon Study, the Astro 2020 Decadal Survey, and other documents are needed by agencies to move forward with funding of new projects.



Endorsing the Dawn Report

Community support for the **Dawn Report** is important to its utility to the NSF, and thus to the future of our field.

If we are to expand this field to explore its full potential, we need your support.

You can read the **Dawn Report** here:

[arXiv:2112.12718](https://arxiv.org/abs/2112.12718)

and add your name to the list of endorsers here:

<https://bit.ly/3t8XMDz>

or feel free to drop a note to me at **dhs@mit.edu**