

Discussion on the evolving role of DAWN meetings

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The evolving role of DAWN meetings

- DAWN I, in May 2015, was a ^{pre}response to the dawn of the age of GW discovery 4 months later. US-centric, report for NSF.
- Subtitled “**What comes next for LIGO?**”, this and subsequent DAWNs advocated for A+, coordinated coatings research, squeezing research, multi-messenger coordination, 3G studies, funding agency coordination, and steps toward a global effort.
- Results: A+, CE design study, and Center for Coatings Research are funded, GWIC 3G study is in progress, GWIC reports annually to GWAC, ...

The evolving role of DAWN meetings

- Name change: DAWN IV: **Global Strategies for GW Astronomy**
- What comes next for DAWN?

Note: The US is late to the table on 3G, a decade behind ET. This timing mismatch will be a challenge. Focusing jointly on the network with project independence (for now?), seems the way forward.

What comes next for DAWN?

- **Options - please add during discussion**
 - **End** the series **or merge** with another meeting
 - Be **flexible** - focus DAWN V as needed next year
 - Act as a “**clearinghouse**” - summarize the **state of ground-based GW science and technology** annually - use info from GWADW, GWPAW, ET meeting, CE status, ...
- Increase **global focus vs LSC**? Meeting locations and timing?
- What is the **future role and mission of DAWN** (if any)
- **Who is DAWN?** e.g., 3G Network Interest Group - to promote GWIC 3G Report and 3G more generally to the broader scientific community and to potential funders, to foster refinement and updating of the 3G science case, to foster communication about status of important 3G research (eventual coordination?)