

Most Talks 22+3 (Intro Talks 25+5) [Confirmed Speakers](#)

Friday, May 3

Overview

- 8:45 - 9 Welcome ([Szabi Marka](#), [Zsuzsa Marka](#), [Morgan May](#))
9 - 9:30 LIGO overview ([Barish](#))
9:30 - 10 LSST overview ([Tyson](#))
10 - 10:30 Science Opportunities Overview, Including Rates ([Sathyaprakash](#))

Coffee (10:30-11)

Survey Strategies and Synergies

- 11 - 11:25 LSST Survey Plans/Transient Background ([Ivezic](#))
11:25 - 11:50 Survey Strategies for Kilonovae ([Cowperthwaite](#))
11:50 - 12:15 MMA Survey Synergies ([Soares-Santos](#))
12:15 - 12:40 Panel Discussion ([Margutti](#), [Setzer](#), [Ivezic](#), [Cowperthwaite](#), [Haiman](#), [Soares-Santos](#))

Lunch (12:40-2) Served In-House

Implications for Cosmology

- 2 - 2:25 Cosmology/H0 Overview ([Riess](#))
2:25 - 2:50 Cosmology w/ Gravitational Waves ([Chen](#))
2:50 - 3:30 Panel ([Soares-Santos](#), [Riess](#), [Cowperthwaite](#), [Brown](#))

Coffee (3:30-4)

Interface: LSST, LIGO, and Community

- 4 - 4:25 LIGO Alerts ([Singer](#))
4:25 - 4:50 LSST Data ([Biswas](#))
4:50 - 5:30 Panel ([Biswas](#), [Singer](#), [Zsuzsa](#), [Federica](#), [Ivezic](#))

Saturday, May 4

Lessons from GW170817

- 9 - 9:25 Lessons from GW170817 ([Cenko](#))
9:25 - 9:50 Multi-wavelength MMA Synergies ([Berger](#))
9:50 - 10:15 X-ray Opportunities & LSST ([Margutti](#))
10:15 - 10:40 Panel ([Shawhan](#), [Cenko](#), [Berger](#), [Kouveliotou](#), [Margutti](#))

Coffee (10:40-11:10)

Nuclear Physics Opportunities

- 11:10 - 11:35 Neutron Star EoS Constraints ([Chatziioannou](#))
11:35 - 12:00 Insights from Simulations ([Radice](#))
12:00 - 12:25 Kilonovae as Probes of R-Process ([Barnes](#))

Lunch (12:25-2) On Your Own

Lessons/Opportunities from Other Missions

- 2 - 2:25 Lessons from ZTF ([Andreoni](#))
2:25 - 2:50 TESS ([Ricker](#))
2:50 - 3:15 Gamma-Ray Opportunities ([Kouveliotou](#))
2:15 - 3:40 IceCube ([Bartos](#))

Coffee (3:40-4:10)

Opportunities in Gravitational Wave Science

- 4:10 - 4:35 The GW Horizon ([D. Brown](#))
4:35 - 5:00 Discussion ([Andreoni](#), [Ricker](#), [Kouveliotou](#), [Bartos](#), [Brown](#))
5:00 - 5:15 Parting Summary ([Tyson](#), [Ivezic](#))