

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

### **Friday, May 3**

#### **Overview (CHAIR: Z. Marka)**

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

#### **Coffee (10:30-11)**

#### **Survey Strategies and Synergies (CHAIR: Berger)**

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

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

#### **Implications for Cosmology (CHAIR: Margutti)**

- 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](#), [Nissanke](#))

#### **Coffee (3:30-4)**

#### **Interface: LSST, LIGO, and Community (CHAIR: Nissanke)**

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

### **Saturday, May 4**

#### **Lessons from GW170817 (CHAIR: Barnes)**

- 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 (CHAIR: Brown)**

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

#### **Lunch (12:25-1:45)      Served In-House**

- 1:45 - 2:05      Reflections ([Tyson/Ivezic](#))

#### **Lessons/Opportunities from Other Missions (CHAIR: Szabi Marka)**

- 2:05 - 2:30      Lessons from ZTF ([Andreoni](#))
- 2:30 - 2:55      TESS ([Ricker](#))
- 2:55 - 3:20      Gamma-Ray Opportunities ([Kouveliotou](#))

#### **Coffee (3:20-3:50)**

#### **New Opportunities in Multi-Messenger Science (CHAIR: Sathyaprakash)**

- 3:50 - 4:15      IceCube ([Bartos](#))
- 4:15 - 4:40      BNS Merger Populations with 3G Detectors ([Safarzadeh](#))
- 4:40 - 5:10      Discussion ([Andreoni](#), [Ricker](#), [Kouveliotou](#), [Bartos](#), [Brown](#), [Gill](#))