Astronomy Program Opening Workshop
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"Characterization of GW Transients"

Characterization efforts within LIGO are divided by source class. Robust models for the emission from compact binary mergers allow for detailed estimates of the physical parameters of the source. For transient sources which lack strong models, such as supernovae, alternative techniques are necessary to detect and constrain signal properties. I will provide a broad overview of the techniques currently used to characterize known and unknown classes of transients, which signal and noise components our models account for, and which they do not.