

James A. Clark: Gravitational Wave Data Analysis

'Burst' (unmodelled) GW searches and astrophysical inferences through machine learning and Bayesian model selection/parameter estimation in ground-based GW detector data.



Figure 1 : LIGO Hanford, WA

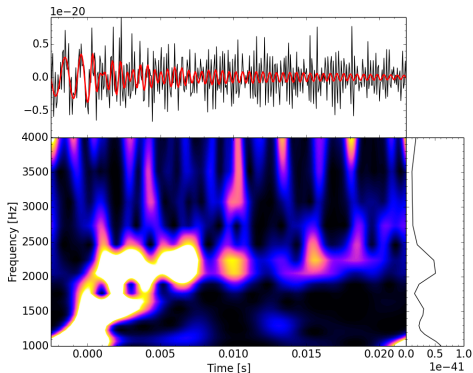


Figure 2 : Example time-frequency map for GW 'burst' from binary neutron star coalescence in noise