

# Mapping the gravitational wave sky with the LVC

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The LIGO and Virgo gravitational wave detectors have opened a new window to the universe. We already have over 50 gravitational wave detections. I will briefly mention what we have learned from these events, and how we are preparing for an era when gravitational wave detections are expected on a daily basis. In particular, I will discuss gravitational wave lensing, when another object interposes between the binary inspiral and Earth, and eccentric and hyperbolic merger events.

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