

# Parameter inference for compact binaries with the gravitational-wave observatory Advanced LIGO

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Gravitational-wave astronomy has made a tremendous stride forward with detections during the first observing run of the Advanced Laser Interferometer Gravitational-wave Observatory (LIGO). The signals have been identified as originating from the merger of black holes, whose parameters it was possible to infer.

In this talk I will explain how the parameter inference from gravitational-wave signals is made, and discuss the results of this analysis for LIGO's first observations.

## Summary

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