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**Parameter estimation of gravitational wave compact binary coalescences** CARL-JOHAN HASTER, Canadian Institute of Theoretical Astrophysics / University of Toronto, LIGO SCIENTIFIC COLLABORATION COLLABORATION — The first detections of gravitational waves from coalescing binary black holes have allowed unprecedented inference on the astrophysical parameters of such binaries. Given recent updates in detector capabilities, gravitational wave model templates and data analysis techniques, in this talk I will describe the prospects of parameter estimation of compact binary coalescences during the second observation run of the LIGO-Virgo collaboration.

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