Comparing parameter estimation results using model and numerical relativity templates of binary black hole systems JACOB LANGE, RICHARD O'SHAUGHNESSY, MANUELA CAMPANELLI, JAMES HEALY, CARLOS LOUSTO, YOSEF ZLOCHOWER, Rochester Inst of Tech — The use of both state-of-the-art models and numerical relativity in unison allows for the most confident and comprehensive parameter estimation results. It is important to be able to use and compare the best models and numerical relativity simulations in a quick and comprehensive way. In this talk, I present both using our highly-parallelized parameter estimation code that allows for timely and accurate results. This extends to models and simulations that have higher modes and precessing spins.

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