

Abstract for an Invited Paper  
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**Developing templates for binary black hole coalescences using analytical and numerical relativity**

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We shall review the comparisons between analytical and numerical relativity waveforms with the goal of building an analytical template family for inspiral, merger and ring-down phases. The new analytical template family which combines the Post-Newtonian re-summed dynamics a la effective-one-body and non-perturbative numerical relativity information may already be employed for coherent searches and parameter estimation of gravitational waves emitted by non-spinning coalescing binary black holes, and can be extended to binaries with spinning black holes.