

modeling sources

(‘using a term like nonlinear science is like referring to the bulk of zoology as the study of non-elephant animals’. S. Ulam)

Comparable masses (BHBH)

- Higher spins, and more disparate masses
- Eccentricity
- Self-force calculations
- Beyond GR studies

Goals/Qns

- EOB/phenom calibration; calibration from self-force results; where can sims make the most impact?
- ‘beyond’ linear understanding of after-merger. Surprises in GR?

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IMRIs/EMRIs

- Resonances?
- New ideas?

Goals/Qns

- Self-force calibrated EOB. Other viable options?
- How far 'kludges' can take us (e.g. detection vs par estimation)

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Non-vacuum

- Initial conditions?
- Dissipative effects after merger
- Long-time dynamics and intrinsic phenomena

Goals/Qns

- Impact on waveforms & characteristic
- ‘lamp posts’ for extracting physics
- EM signals and breaking degeneracies