

Title: Poster Advertisement Session 4

Date: Jun 24, 2010 02:45 PM

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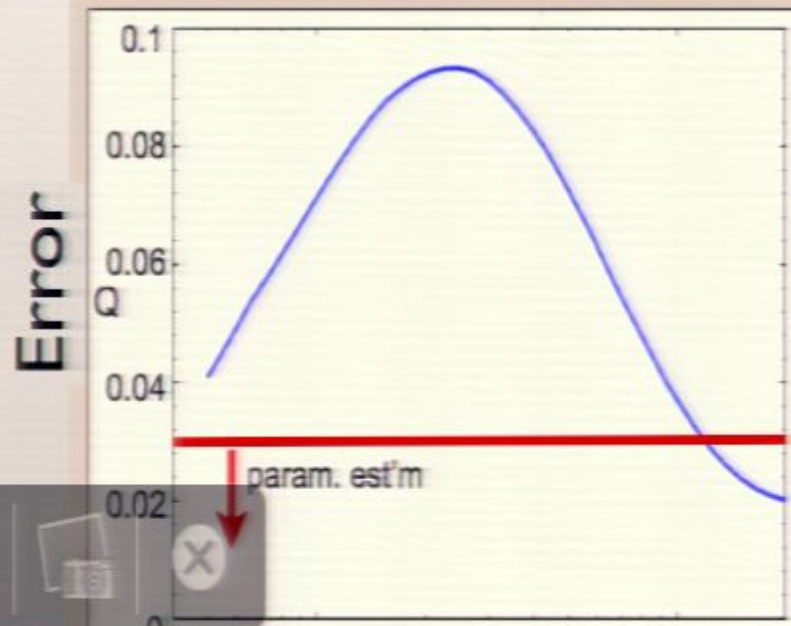
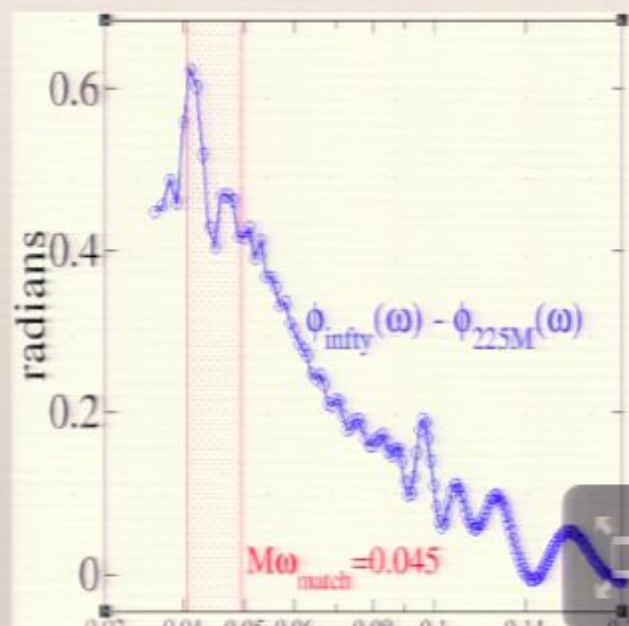
Abstract: n/a

Evaluating Errors in Hybrid Waveforms

Ilana MacDonald (CITA), *Samaya Nissanke* (JPL/Caltech), *H.P.* (CITA)

- ❖ Accurate hybrid waveforms are important (NINJA 2+3, NR-AR)
- ❖ Evaluating errors is difficult
 - Errors in PN, in NR, in matching.
 - Hybrid mass-scalable, but impact of errors depends on $S_n(f)$ & M_{total}
- ❖ OUR GOAL: work toward comprehensive error analysis

One example: systematic phase-error in NR inspiral

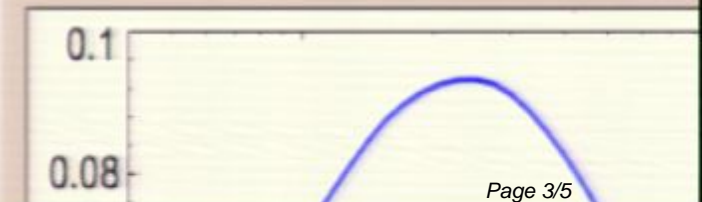


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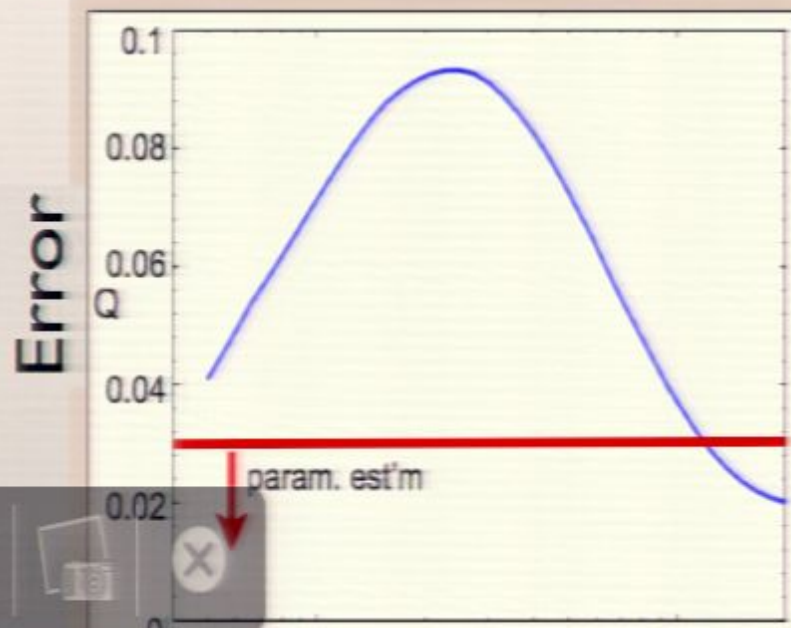
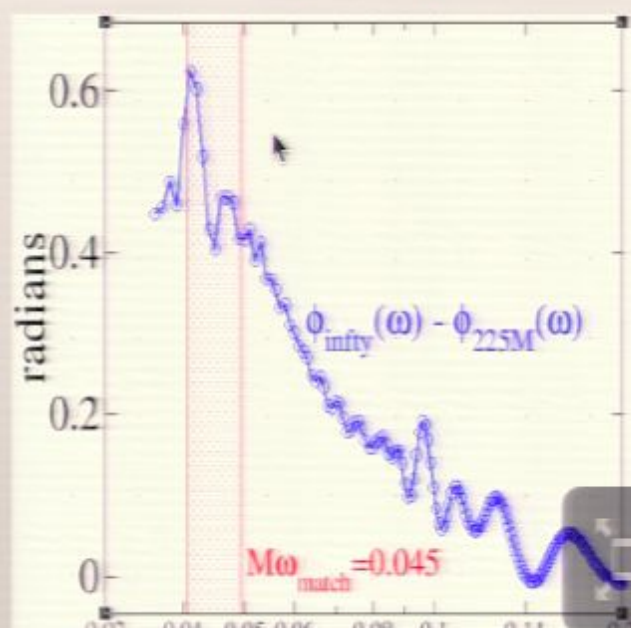


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