



Status of the CBC: a summary

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On the LSC side...

- Steve Fairhurst stepped down as CBC co-chair
- New co-chair elected: Chad Hanna
- LSC CBC co-chairs are now Hanna and Brown

Status of the S6/VSR2-3 searches

- High mass & GRB (Swift, Fermi) papers published
- This means all flagship searches in journals
- S6/VSR2-3 parameter estimation paper approved
- GRB (InterPlanetary Network): paper expected September
- Ringdown: paper expected September
- NINJA-2 (Numerical INjection Analysis): paper expected September

ADE preparations

- BNS submitted search proposal to DAC, referees
 - Scientific motivation
 - Publication plan
 - Technical requirements and development plan
 - Resources
- BBH
 - Aligned spin waveforms and template placement
 - No reliable waveforms for precessing spins (NRAR)
- NSBH
 - Aligned-spin search improvement over non-spinning
 - Precession problem much bigger
 - Investigation of which effects are important and which less so (precession, harmonics, differences in waveform approximants, merger/ringdown)

ADE preparations

- GRB
 - Mature coherent analysis
 - “Sub-prime GRBs”
 - Ambitious plan for ADE papers (~1 week)
- IMBH (Intermediate Mass Black Holes)
 - Eccentric BBH: Burst
 - Ringdown search
 - IMRIs (Intermediate Mass Ratio Inspirals): studies of waveform requirements
 - Parameter estimation IMBHB and IMRIs
- To come:
 - Search proposals from all source sub-groups
 - Engineering runs, mock data challenges
 - Main pipelines (MBTA, ihope, gstlal) reviewed by 2014