

Post-Detection Data Analysis and Astrophysics

Suggested Discussion Topics

(For additional suggestions, email cadonati@gatech.edu)

First Detection scenarios (“3 doors”): as anticipated, unlikely sources, puzzle

- **Sources:** enlarge parameter space: cost/benefit?
- **What to invest in:** Is it just “more computers”? New analysis techniques? New models/templates?
- **Impact** (how will detections impact the mode in which LIGO operates after the first few detections):
 - Configuration (e.g. narrow banding for CW)
 - Collaboration mode for additional source targets