LIGO

CorrPower: a Cross-Correlation Based Algorithm for Triggered and Untriggered GW Burst Searches

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- New search code for bursts of gravitational waves, with three modes of operation:
 - » continuous cross-correlation of data from multiple detectors and generation of event triggers associated with an excess of coherent power (the focus of this poster)
 - » r-statistic test on burst candidate events (ref: *Class. Quantum Grav.* **21** (2004) S1695-S1703)
 - » external trigger search similar to GRB030329 (ref. Class. Quantum Grav. 21 (2004) S1831-S1837)
- Unification of coherent techniques implemented in the LIGO triggered and untriggered burst analysis

