

# State of the software

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**G0100300-00-Z**

# Mock Data Challenges

- Data Conditioning API **Done**
- MPI API **Done**
- Inspiral Search **Done**
- Burst Search **Sept. 4**
- Stochastic Background **Sept 4**
- Continuous Waves **Fall**
- Integrated Science MDC (TBD)

Each UL groups is doing a mock data challenge

- Members:
  - Stuart Anderson
  - Jolien Creighton
  - John Zweizig
- Charter:
  - Add inertia to the process of changing software standards (e.g. FRAME and LAL)
- Currently the resolving some intertwined issues about FFT conventions and Power Spectra Definitions.
  - Will evolve into the math standards.

# Next set of issues to confront

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- Grid Computing
  - Scott Koranda will talk in the ASIS session on Wednesdays afternoon
- Details of sharing data with GEO
- Closing the deal on Upper Limits
  - Follow-up analysis
    - sharing common tools and ideas
  - Simulations to measure the efficiency

## **10:45 – 12:00 Wednesday**

**Discussion of common needs and strategies  
for determining upper limits (simulations and follow-up)**

**Burst group**

**Inspiral group**

**Stochastic Background**

**Continuous Waves**

**Others are welcome to participate ... Alan Weinstein**

## **13:45 – 15:30 Tuesday Afternoon**

**Discussion and Ideas on Coincidence Measurements**

**Peter Shawhan, Jolien Creighton, Sam Finn, Szabi Marka (snews, grbs)**

**Others are welcome ... John Zweizig**