

## *DRG Activities at UNH*

### *EVP Processing*

- Data review and quality flag assignments (Freuder)

### *SIM Development / Processing*

- SIM activity management (McConnell)
- Software Development (Freuder)
- Routine Processing (Freuder, McConnell)

### *Background Studies*

- SAA Activation Study (Morris)

### *Rapid Burst Response*

- Beeper Keepers (Connors, Kappadath, Young, Ryan!!!)
- Development (Connors, Schonwald)

### *Web Page Development / Maintenance*

- COMPTTEL (Stacy)
- GRBs (Connors)
- Flares (Rank)

## UNH Action Item Status

- Action Item 60.22 - ?? OPEN  
**Impact of "off" Modules**  
 Study the effects of "off" modules using SIM. Requires mass model modifications.
- Action Item 63.07 - ?? OPEN  
**Document PSF Generation Using SIMSPG**  
 Some form of user's guide will be made available.
- Action Item 66.07 - ?? OPEN  
**Investigate Excess Photopeak in SIM PSF**  
 Probably a result of inconsistent ToF selections between SIM and calibration spectra.
- Action Item 70.09 - ?? OPEN  
**Provide PSF Comparison Report**  
 Comparison between SIM and empirical PSFs.
- Action Item 72.04 - ?? OPEN  
**Investigate Feasibility of Angle-Averaged PSFs**  
 The goal is to generate PSFs which could be used either throughout the FoV for a single observation or in an analysis which involves the sum of several observations where the source of interest is at different zenith angles.
- Action Item 74.17 - Stacy OPEN  
**Establish On-Line Publication Database**  
 Work continues at LSU to establish public database. Will follow-up by including electronic versions of the manuscripts (as much as possible).
- Action Item 76.03 - McConnell OPEN  
**Simulate Cascade Event Imaging Signature**  
 The cascade event simulations are available, but no effort to "image" them has been made.

## *EVP Status*

- Latest processing report (issue 26) issued on Oct 9. It is available through Rita Freuder's homepage:

<http://wwwgro.unh.edu/users/rfreuder/rfreuder.html>

- As of October 9, the latest day processed at MPE was September 24 (TJD 10715, VP 630).
- Latest ToF corrections (with IFCTOF) have been provided for every EVP dataset (thanks to Georg and Thomas!). This has resulted in a completely new set of EVP data (QF = 132). See COM-RP-MPE-DRG-173 for details.
- Development plans for EVPRNN:
  - Target date is January (Rita's departure date).
  - Modify EVPRNN to include latest ToF corrections, thus eliminating the need to run IFCTOF after each EVPRNN job.
  - Modify EVPRNN to streamline (i.e., automate) as many processing checks as possible.