

Discussion Topics

- **Goals of this workshop**
- **Scientific considerations**
- **Inter-instrument requirements**
 - **Communication**
 - **Sociology**
 - **Strategies**
- **Individual instrument requirements**
- **Future work**

Goals

“Information gathering” vs. actual planning ?

Even the first thing is very worthwhile.

But to plan:

- **Define topics that need work – “minimal” amount.**
- **Organize informal working groups to address these topics.**
- **Set up contacts, mailing lists, etc.**
- **Other meetings...?**

Impacts most the GeV/TeV γ/ν Telescopes.

Scientific Considerations

We know well the importance of multi- λ studies for AGN (esp. blazars) and GRBs. We should define the relevant parameters (flux, timescale) for these.

Should remember to look beyond standard paradigm:

- New types of sources (e.g. non-blazar AGN)**
- New types of variability (e.g. μsec – galactic μQ)**
- New definition of “simultaneity” (e.g. large and unexpected time lags)**

Should also bring neutrino instruments into equation.

Communication

Good communication is essential, e.g. :

- **Advance planning (e.g. meeting deadlines).**
- **What resources are available?
(What are the experimental capabilities?)**
- **Who is the contact person for each instrument?
(How do we share strategies, data?)**
- **Funding opportunities ?**

Regular meetings ?

Clearing house for γ -ray expts, programs, & data?

VHE GCN?

Sociology

NASA Missions have a “open” data flavor, but ...

VHE instruments are independent groups. I think that we need to define the level of collaboration between groups. An “organic” approach will be required.

We need to realize the strengths of each waveband:

**Q: What can VHE instruments uniquely provide ?
(e.g. very rapid variability resolution, good point source location, ...)**

Strategies

Levels of collaboration include:

- “Just announcing” a bright object
- Pre-arranged campaigns across wavebands
 - Simultaneous
 - Non-simultaneous (e.g. SNRs, AGN z, etc.)
- ToO Satellite → Ground-based (already in place?)
- ToO Ground-based → World (e.g. Milagro)
- Surveys & Monitoring programs
(both known and unknown sources).
- Open data products or archives (\$\$?).

Each instrument will need to determine their mode(s) of collaboration.

Individual Inst. requirements

Basic Requirements include:

- **Contact person (s)**
- **Observing priorities & timeline – other MW efforts**
- **Modes of operation (on-time, modes on/off)**
- **Time scale of response**
 - e.g. how long to:
 - Repoint?
 - Detect?
 - Determine spectrum?
- **Notification/alert system**
- **Publication, data rights policies**
- **Guest Investigator or Associates program ?**
- **... ?**

Future Work

- **To start, get input/contacts from each experiment (tomorrow ?).**
- **Get feedback from our respective groups (or group leaders ?).**
- **More contact with other communities ?**
- **Start to discuss shared strategies, tools, source lists ?**
- **VERITAS AGN Workshop next year ... next meeting?**

... ran out of time (and ideas) ...