

MW Campaign on the blazar Markarian 501

March – May 2008

Reduction of the data and submission to the archive “finished” by February 2009

First EVO meeting, April 9th , we showed first “interpretation” (multi-freq LCs, Variability, correlations and SED)

Second EVO meeting (April 23rd), we achieved a much better understanding of the data. Several bugs corrected and we also learnt data limitations

Data archive is almost fixed... but not quite yet... in the last days I got:

- RATAN-600
- Infrared data from PAIRITEL (host galaxy not subtracted)
- Confirmation that 3rd (final) version of OAGH data will be provided beginning of next week
 - with caveats on host galaxy subtraction (relatively large systematic)
- New BAT spectra (3 sigma bins) and Light curves (1 day)
- VERITAS spectra for 2 periods (not yet EBL- corrected)

Data Archive is still “too dynamic” ... hopefully this will end in the next days. **By next week we should have all data available and understood.** Archive will be “frozen”.

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In the last week there was work on the following topics:

Quantification of variability

Multi-frequency cross-correlation

Interpretation of the SED

Write text for the ICRC proceedings

short (preliminary) version of the final publication (ApJ)

Today we have several presentations about those topics

We move a bit slower than expected... but well... there is progress. We hopefully can finish up data archive and interpretation within the next 2 weeks. We are close to that. We should aim to fix/freeze results on the next EVO meeting (~May 19-22) and then start working on the write up of the final publication.