

IACHEC-2006: CAL Management

Eckhard Kendziorra



Goals of calibration management

I. To provide **good calibration** of instruments

Definition of **good calibration**:

“provide ability to utilise Poisson statistics in data”

II. To discourage publication of **wrong** science results

Remaining open question:

how can this be achieved?

Recommendations

- Calibration should be based on **physical model** of instrument, which is verified and refined during calibration campaign
- Set up proper **archive for calibration data** (currently FITS format) right from the beginning
- Provide list of targets and their spectral parameters for in flight cal
 - extent energy range to 0.1 – 100 keV

Recommendations

- **Continuity in calibration team** from ground to in flight is very important for good and efficient calibration
- Establish better (formal) link between agency and instrument teams
- Calibration should be part of Quality Assurance plan

Action item

Set up [web page](#), content [do be endorsed](#) by members of IACHEC

✓ done by Marcus Kirsch