

UPDATE ON ISO INSTRUMENTS CALIBRATION AND DATA ANALYSIS TECHNIQUES

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An update on the ISO instruments calibration status and on the latest data analysis techniques applicable to ISO spectroscopic data is presented.

Usual calibration problems like:

- memory effects, mismatches observed between different bands, fringes, glitches, incorrect dark current subtraction in SWS and LWS
 - transient effects, small signal jumps due to the wheel jitter problem and the presence of ghosts in CAM-CVF observations,
 - characteristic spectral features produced by transient effects and bad-pointing in PHT-S,
- will briefly be addressed as well as currently existing correction tools together with their impact on the calibration accuracy.

Finally, a description of the improvements that are expected to be achieved in the near future and the difficulties that can be encountered to integrate these corrections into an automated pipeline are also discussed.