A GIS data model for mapping spectrometers

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Spectrometer's data

- Archive: Raster data cubes
- Spectral Analysis: Raster data cubes (e.g. Envi)
- Spatial Analysis: Projected raster can be extremely large in data volume
we have developed a GIS, vector based data model for mapping spectrometers
Features

- Maximum accuracy of footprints / spectra position
- Updatable geometry (e.g. asa SPICE kernels get more accurate)
- Reprojection on the fly of hyperspectral data
Currently implemented at IAPS on Dawn/VIR data

Scientific campaign data are browsable as a web map