

## Diversified approach in astronomical education 3; Activities of PAOFITS Working Group

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PAOFITS Working Group (PAOFITS WG) is a research group developing applications of FITS data for education. The number of WG members are about 40, a half of them is a researcher and another is a teacher, mostly.

FITS format is the format widely used for astronomical observational data in research, which is possible to calculate correctly the various amounts of physics (eg. magnitude, color, and so on), unlike the picture of compressed format such as JPEG format etc.

For the students who are interested in astronomy, the activities those carry out analysis processing of the full-scale observational data serve as very exiting experience, and it's supposed to be effective for astronomical educations.

We have held meetings about once per a month at National Astronomical Observatory (Mitaka), and examined the optimal data, the distribution method, the processing method, etc. for experiments in school or social educations. The teaching-materials which utilized the archive data of the Hubble space telescope, the Subaru Telescope, and the University of Tokyo Kiso observatory Schmidt telescope were developed.

We will report our activities and results.