

G04-05

Room:423

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Let's Observe the Sun with Hinode! - Coordinated Observation Campaign with High School Students -

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Hinode is the solar observation satellite that launched in 2006. Since its launch, Hinode has given us great new observation results. In addition, it is encouraged to use of the observation data for education. So, as one of education and public outreach(EPO) activities of Hinode, we have proposed to perform coordinated observations with high school students, public observatories and science museums, every year since 2010. The proposal is adopted as "EPO campaign observation mainly for high school students(HOP173)". The goals are that they have interests in Hinode data and compare their own data with Hinode data. They compare Hinode data with their data and obtain new solar knowledge, which make their motivation higher on their activities. The students have a presentation on the observation results at a science contests. Foreign researchers have high interests in the coordinated observations, which contribute to extension of Hinode mission.

In this presentation, we report the results of the coordinated observations, and the effects.

Keywords: Hinode, sun, astronomical education, outreach, coordinated observation, high school