

The education and public outreach activity of Hinode in Japan

Hideaki Tonooka

National Astronomical Observatory

Yukio Katsukawa

National Astronomical Observatory

Masumi Shimojo

National Astronomical Observatory

Saku Tsuneta

National Astronomical Observatory

Abstract. Recently the education and public outreach (E/PO) activity has been one of the most important task for scientific researches. The National Astronomical Observatory of Japan (NAOJ) plays a role in domestic E/PO of Hinode in Japan.

Our tasks can be roughly divided into 2 categories. One is the releasing news, for example, press release and web release. Another is to make the people to know more about the Sun, to understand what our release means. The latter is including the promoting of data use, such as the making of video programs or educational materials.

Since the launch of Hinode, we have announced 3 press releases (with conferences), 7 web releases (without conferences), and 1 lecture for the press group. Each release was appeared in 5 to 10 news media, i.e. newspaper, web news, sometimes TV news.

To extend common knowledge of the Sun, we focused on using the advantage of the movies, which looks interesting, puzzling and catchy. We have attempted several activities for this task.

One is the collaboration with a working group of the Public Astronomical Observatory NETwork (PAONET), commonly known by “PAO Hinode” (see the presentation by Yaji et al. in this meeting). The aim of it is the promotion of the Hinode data use for E/PO purpose and distributing the self-made video programs to the scientific educational facilities. We have released two DVDs which contains total of 6 video programs. The first DVD was translated into English and distributed at the Hinode-2 meeting and to the International Planetarium Society (IPS).

Another is the promotion for the TV station to broadcast the Hinode movies. The biggest fruits were done by Prof. Tsuneta. He appeared on famous science TV program “Science Zero” twice as a guest commentator to introduce the Hinode movies. They were on the air repeatedly since they were well received.

An experimental CD-ROM was also released for the both of solar and non-solar researchers. It contains the movies prepared for the papers, the summaries of the papers and the indexes from the movies, so you can find the researches by viewing mysterious movies of the sun.

We will summarize the E/PO activity of Hinode in Japan done by NAOJ. Furthermore we will demonstrate our CD/DVDs and distribute them.