

## A repository for knowledge of planetary science serving by Center for Planetary Science (CPS)

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We provide a repository for knowledge of planetary science, in other words, a digital library of lectures as one of the services for planetary science communities at CPS (Center for Planetary Science). We record lectures in seminars and workshops and publish the lecture video and presentation files on the Internet. The repository gives an opportunity for a participant's review and a non-participant's study and contribute to the inter-university and international education. The accumulation of knowledge and findings encourage activity overlooking origin, revolution and diversity of planetary systems as a whole.

In order to promote the service, we arrange equipments and establish work procedure for recording and publication of seminars and workshops, and development of an on-demand system have been performed. By having arranged the work procedure and the on-demand system, the lectures of the CPS seminar which is held once every week are published within the day. Other seminars and workshops sponsored or cosponsored by CPS are also published using the on-demand system. More than 1100 lectures recorded in 11 years from 2001 with presentation files are opened to the public, and these lectures can be searched with a lecturer, a title, etc.

In the presentation, we introduce the repository for knowledge of planetary science and explain the features of the repository.

Reference: <https://www.cps-jp.org/~mosir/pub/>

Keywords: A repository for knowledge of planetary science