

Laboratory Knowledge Management Utilizing Mobile Blog Albums

Leader: Goro Mizutani (Professor, School of Materials Science)

Activities

Creating a new knowledge-sharing space in laboratories utilizing mobile blog albums
Mobile blog albums are now being used:

- To support the operation of Mizutani Laboratory in the School of Materials Science through the implementation of mobile blog albums a system of uploading both still and moving images (7-second duration) taken by mobile phone camera onto websites in real time.
- To verify the effects of the real-time exchange of information difficult to express in words on the formation of knowledge-creating space in laboratories.

Comments
from
laboratory
members

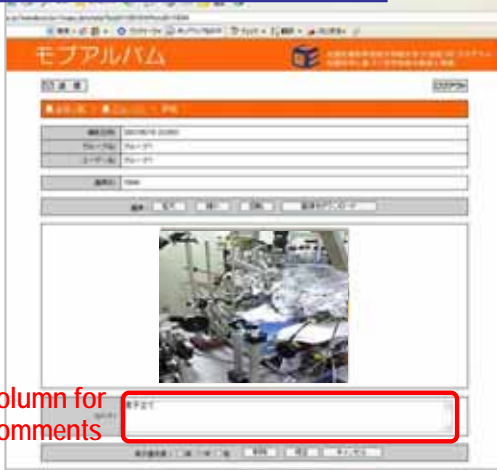
It would be nice to share individual information; however, if the provision and management of information takes a great deal of time, it interrupts our research activities.

I just started experimenting, and I take pictures of the equipment set-up with my mobile phone camera in order to remember the arrangement of the devices. It would be better if I could write rough notes when I take the pictures so that I can understand them later.

It would be better if I could utilize a user-friendly moving image sharing system that enables easy storage and searching.

The use of mobile blog albums as a tool meeting the above-mentioned needs was proposed in 2006. Implemented in May, 2007.

A window for editing still and moving images



Column for comments

Enables the insertion of comments on images
Enables the editing and deleting of comments on websites via the mobile phone unit

A window for viewing mobile blog albums

Click

Share and store knowledge from the laboratory on a website in real-time

For each of the 6 research groups, still and moving images are automatically classified and displayed in the order of arrival.

Research group (1)
Images are sent in real time.

Research group (2)
Images are sent in real time.

Newest experimental activities from all groups can be viewed.

* Mobile blog album is a system jointly developed by Pastel Labo. Co., Ltd. and Nippon COMSYS Corporation.

Members

Ryoko Toyama (Associate Professor, School of Knowledge Science)

Toshiaki Yabe (Researcher, Center for Strategic Development of Science and Technology / Pastel Labo.Co.,Ltd.)

Takashi Yoshinaga (Researcher, Center for Strategic Development of Science and Technology)