

Desktop Lunar Exploration -New data analysis concept utilizing large amount of data-

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Proposal of several moon and planetary exploration in Japan and worldwide will provide vast amount of data such as image. The system to deliver such data as efficient and soon as possible to the scientist is awaited for more efficient data analysis. We are now constructing a new scheme for image evaluation. Applying these technique, we can construct the "virtual planet" by combining image data with other scientific data. We call this concept, a utilization of planetary image data over the network, the "Desktop Planetary Exploration"(DPE or DPLEX). In this presentation, we will discuss data utilization method, application and issues to be solved for realizing DPLEX.