

Precision maps for future Mars exploration

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Precision maps for future Mars exploration, i.e. Mars Express by ESA and NOZOMI by ISAS, will be addressed in detail.

Mars Express will be launched in 2003, and reach Mars in the end of 2003. On the other hand, Japanese Mars mission-NOZOMI will start its exploration of Mars from the beginning of 2004. Joint observations of Mars by both mission, especially using the onboard cameras, are planned. For this purpose, the precise maps of Mars are strongly needed. In this invited talk, the precision maps for future Mars exploration are addressed in detail.