

Outreach Programs using Martian Meteorites

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Martian meteorites are thought to be rocks formed on Mars. They are divided into four groups; Shergottites, Nakhrites, Chassignites and ALH84001. Their young crystallization ages suggest they are derived from a planet-sized body. Coarse-grained textures of nakhrites also suggest that they are derived from a planet-sized body. Similarities the isotopic compositions of nitrogen and noble gases of the martian atmosphere and those trapped in shock-produced glasses in some shergottites suggests that it is Mars.

In this presentation, the events of the observation of two martian meteorites {Zagami (shergottites)and Nakhla(Nakhrites)} will be reported.

Keywords: Martian meteorites, Outreach