

moonmars.com

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Abstract

moonmars.com is a new website dedicated to space settlement, designed to function as the hub of activity for the worldwide space settlement movement. It is best described as a collaboration framework, combining the features of an internet forum, social network, project management system and virtual environment. Its function is to enable space enthusiasts, students and professionals from all over Earth to co-operate on establishing a permanent human presence on the Moon and Mars.

Members of the community will be able to discuss space news, develop ideas, share and organise files, create and manage projects, and produce designs and plans. The website will also feature an online space shop, and a catalog of articles and scientific papers related to space settlement to benefit and educate students and researchers.

The most compelling feature of the website is a virtual environment containing a model of the Moon and Mars, to which models of settlements, vehicles and other hardware will be added. The virtual environment will be explorable through an ordinary web browser, leveraging the latest web technologies. Members and visitors will be able to walk around on the surface of the Moon and Mars in spacesuits, explore settlements, pilot rovers and other vehicles, and interact with others. In this way the community can gather feedback about settlement designs, and improve them prior to integration into business plans.

The website itself is a community project, and its evolution will be driven by the desires of the community, in order to create the most effective possible online collaboration and visualisation software for facilitating the expansion of humanity into space.

There is no other website anything like moonmars.com. As becoming a multiplanetary species is one of the most important steps in human evolution, moonmars.com will arguably become one of the most important websites ever developed.