International Cooperation for Space Exploration (1) International Cooperation for Space Exploration (3) (3)

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WHICH EXPLORATION PROGRAM FOR EUROPE? AN INDEPENDENT VIEW OF ALTERNATIVES.

Abstract

The space world is presently looking into the future of exploration. Europe is participating in this difficult and far reaching considerations which will engage considerable budget resources over the coming years. The author is making an independent and unbiased analysis of various options. Human-rated or robotic or combined exploration, near-earth space station or Moon or Mars or other planetary missions are investigated and compared. Which cooperation and partnership should be selected or should Europe go for an independent program. The various choices are compared among others with respect to their political, scientific, technical, financial and overall risk aspects. Finally a recommendation for a European approach is presented.