

SPACE EXPLORATION SYMPOSIUM (A3)
Mars Exploration – Part 1 (3A)

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DEVELOPMENT OF MARS EXPLORATION AND ANALYSIS OF CRITICAL TECHNOLOGY

Abstract

at the celebration of 40 anniversary for first human lunar landing ,those astronauts ever "visited " Moon thought Mars should be next direction of human's interplanetary travel. Mars exploration is critical link of deep space since 1990s, human's deep space exploration is increasingly liable to Mars.Mars exploration has became next hotspot followed lunar exploration. the Mars ,which has been known by human sinace prehistoric age, was looked on the best habitation in the solar system(except Earth),so often appeared in science fiction ,if i remember correctly ,my first impression on Mars should be TV series My Favorite Martine .like Moon ,infinite imagination caused by its mystery always inspire human overcome various difficulties to explore the mysterious "red planet" .one day in the near future ,human Mars landing is not just a dream. top 10 risks that human is eager to aviee in the future selected by ;TIMES; weekly recently,the first is launch manned spaceship to Mars . the paper firstly outlined Mars 's situation, introduced history and actuality of human Mars exploration ;the significance of Mars exploration ;method of Mars exploration ;stressed the discussion and proposition about braked landing technology of Mars explorer with graat length, involved investigation of parachute, Mars rover etc.