

Interplanetary outpost : the human and technological challenges of exploring the outer planets

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Abstrak

The book will describe how the mission architecture will evolve, how crews will be selected and trained, and what the mission will entail from launch to landing. However, the focus of "interplanetary outpost" is on the human element. The extended duration, logistical challenges, radiation concerns, communication lag times, isolation, and deleterious effects on the human body will conspire to not only significantly impair human performance but also affect the behavior of crewmembers. This book addresses each of these issues in detail while still providing the reader with a background to the necessary elements comprising such a mission.