

Space Operations

Invest in Space to Serve Earth and Beyond

This book includes a carefully curated selection of contributions that were presented at the 17th International Conference on Space Operations (SpaceOps) held in Dubai, UAE, from March 6th to 10th, 2023. The selection of chapters was based on their relevance to the current space operations community. The contributions represent a cross-section of three main subject areas: Mission Management—management tasks for designing, preparing and operating a particular mission; Spacecraft Operations—preparation and implementation of all activities to operate a space vehicle (crewed and uncrewed) under all conditions; and Ground Operations—preparation, qualification, and operations of a mission dedicated ground segment and infrastructure, including antennas, control centers, and communication means and interfaces. The book highlights the SpaceOps Committee's objective to encourage the exchange of technical knowledge regarding space mission operations and ground data systems. Additionally, it emphasizes the significance of establishing and sustaining a global community of experts in space operations.

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