

1. Record Nr.	UNINA9910457216203321
Titolo	Space commercialization [[electronic resource] ] : platforms and processing // edited by F. Shahrokhi, G. Hazelrigg, R. Bayuzick
Pubbl/distr/stampa	Washington, D.C., : American Institute of Aeronautics and Astronautics, Inc., c1990
ISBN	1-60086-600-X 1-60086-381-7
Descrizione fisica	1 online resource (402 p.)
Collana	Progress in astronautics and aeronautics ; ; v. 127
Altri autori (Persone)	ShahrokhiF HazelriggGeorge A BayuzickR. J
Disciplina	629.1 s 670/.919
Soggetti	Space stations Space industrialization - Developing countries Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Technical papers selected from the Symposium on Space Commercialization: Roles of Developing Countries, Nashville, Tennessee, USA, March 1989, and subsequently revised for this volume."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Cover""; ""Title""; ""Copyright""; ""Table of Contents""; ""Preface""; ""OUTPOST CONCEPT: A Transportation and Service Platform in Low-Earth Orbit""; ""Columbus Polar Platform: Concept Evolution and Current Status""; ""User Accommodations on Space Station Freedom""; ""Planning for Space Station Freedom Laboratory Payload Integration""; ""Space Station Application of Lessons Learned from Space Shuttle Integrated Operational Prototypes""; ""Low-Gravity Materials Experiments in the Space Station Freedom""; ""Preparation of Synthetic Polymer Membranes in a Microgravity Environment"" ""Multiple Experiment Processing Furnace a€? Crystal Growth Facility"" ""Modular Containerless Processing Facility""; ""Dynamics of Surface Tension in Microgravity Environment""; ""Containerless Processing Using Electromagnetic Levitation""; ""Review of Drop Tube and Drop

Tower Facilities and Research"; "Low-Cost Low-Volume Carrier (Minilab) for Biotechnology and Fluids Experiments in Low Gravity"; "Cell Separation and Electrofusion in Space"; "Red Cell Membrane Under Zero Gravity: Interpretation of ARC Experiment on STS51-C"; "Glass Preparation Under Microgravity"  
"Acoustic Levitation for High Temperature Containerless Processing in Space"  
"Containerless Processing of Fluoride Glass"; "China Can Conduct Materials Processing and Experiments in Space Microgravity"; "Japanese Approach to the Space Station"; "Japan's Space Development Activities for the Practical Application Field"; "Space Station Freedom a€? Optimized to Support Microgravity Research and Earth Observations"; "Opportunities for the Small Space Entrepreneur: A Guide to Strategic Planning"; "ORBITEC: Orbital Technology Demonstration Program"  
"Development of a Microgravity Experiment: Experiences of a Scientist from a Developing Country"  
"Author Index for Volume 127"

---