

IAF SPACE SYSTEMS SYMPOSIUM (D1)
Innovative and Visionary Space Systems (1)

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THE NEW PARADIGM OF CHINA COMMERCIAL SPACE SYSTEM AND INVESTMENT IN THE
FUTURE

Abstract

Abstract: Commercial Space has been rising up in recent years. Along with space industry and technology being developed, commercial space system capability is improved rapidly, being changing the traditional paradigm in which space is just for national mission. There are great changes of commercial launch vehicle and commercial satellite as well as corresponding focuses of financial capital and investment in China. The new paradigm of system production and investment will be come into being soon. The paper studies as follows: 1. Overview of Commercial Space Policy Status It introduces the opening, initiation and trend of China commercial space policy nowadays and in the future. 2. Commercial Launch Vehicle System and Investment It studies the commercially developing approach of commercial launch vehicles of China which are from companies including CASC, CASIC, LandSpace, OneSpace, LinkSpace, StarHonor and so on, analyzes their system performances, commercial market direction in and out of China and all kinds of investment approaches, and finally obtains the new paradigm for commercial launch vehicle system development in China in the future.. 3. Commercial Satellite System and Investment It studies the commercially developing approach of commercial satellites of China which are providing remote sensing and communication application and from companies including CASC, CASIC, and some private ones, analyzes their system performances, commercial market direction in and out of China and all kinds of investment approaches, and finally obtains the new paradigm for commercial satellite system development in China in the future. 4. Conclusion and Vision It summarizes the characteristics of new paradigm of commercial launch vehicle and satellite in China in the future, and has a vision of cooperation between industrial companies and capitals about commercial launch vehicle and satellite development, scientific exploration and market occupation in and out of China. Key Word: Commercial Space; New Paradigm; Launch Vehicle and Satellite; Investment Approach