

SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)  
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## THE INNOVATION OF SPACE EDUCATION IN SHANGHAI EXPO

**Abstract**

In the recent years, more and more Chinese primary students and undergraduates pay attention to space research and aerospace engineering, especially in Shanghai. It is such a great opportunity to innovate new methods for both elementary and undergraduate space education. In 2010, Shanghai hosted a successful world EXPO. As a chief public relation officer of China Aerospace Pavilion in Shanghai EXPO, I witness the innovation of space education and outreach and application of aerospace and astronautic technology. We introduced the myth of major constellations in the galaxy. We created the future space shuttles and innovative designing satellites model for primary students. And even more, we demonstrated the tele-education by Chinese telecommunication satellites, which link the Asia to Africa just like neighborhoods. Nowadays, what we should do is not only to teach the students the sophisticated basic knowledge or aerospace technology, but also to explore the way of outer space, cultivating the atmosphere of space education, enlightening the new technical idea and sparking the enthusiasm for aerospace education. Therefore in this paper, we will discuss the innovation of space education in Shanghai Expo, using detail data from thousands of students who visit the space pavilion in Shanghai Expo. Questionnaire and specific data will also be illustrated these innovations.