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宋征宇，中国运载火箭技术研究院研究员，“长征八号”(CZ-8)运载火箭总设计师；博士生导师，国际宇航科学院院士，国际宇航联合会载人飞行委员会委员，IAA“运载火箭动态自主轨迹优化控制”研究学组主席。长期从事航天控制基础理论研究和新型运载火箭的研制，目前主要研究方向为新一代中型运载火箭和重复使用运载器技术、自主制导技术等。

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Guest Editor Introduction

SONG Zhengyu, a researcher of China Academy of Launch Vehicle Technology, chief designer of LM-8 launcher, doctoral supervisor, academician of International Academy of Astronautics (IAA), member of Human Spaceflight Committee of International Astronautical Federation (IAF), and chair of IAA study group 3.32 “autonomous dynamic trajectory optimal control of launch vehicles”. He has been engaged in the research of fundamental theory of aerospace control and the development of new launchers for a long time. The main research direction at present is the new generation medium-lift launcher and reusable launcher technology, autonomous guidance method and so on.