

IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)
Enabling the Future - Developing the Space Workforce (5)

EXPLORING THE PERUVIAN AEROSPACE ECOSYSTEM: OPPORTUNITIES FOR STUDENTS
AND PROFESSIONALS

Abstract

The Peruvian aerospace ecosystem is showing promising developments, with the academia leading the way through the development and launch of nanosatellites, laboratories with know-how in nanosatellite development and satellite instrumentation, and training programs. However, the industry and government sectors have not yet reached a considerable level of development, which limits the opportunities for students and professionals interested in the aerospace field. In this paper, we will describe the main initiatives and programs currently available for Peruvian students and professionals in the aerospace sector, including opportunities for internships, research projects, and participation in international organizations such as the Space Generation Advisory Council (SGAC), The Mars Society, and the Asia-Pacific Space Cooperation Organization (APSCO). We will also discuss the challenges and limitations faced by these initiatives and suggest potential strategies for improvement. By doing so, we aim to provide a comprehensive overview of the current state of the Peruvian aerospace ecosystem, with a focus on the opportunities available for students and professionals, and contribute to the ongoing efforts to develop a robust and dynamic aerospace workforce in the country.