

IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)
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FOSTERING COSMIC CURIOSITY: STRATEGIES TO ENHANCE SPACE EDUCATION AND
OUTREACH AMONG QUEBEC HIGH SCHOOLERS

Abstract

This paper investigates strategies to enhance space education and outreach for high school students in Quebec, fostering a profound interest in space exploration and aerospace activities. Emphasizing the pivotal role of high school settings, our focus extends beyond conventional classrooms to incorporate innovative approaches within extracurricular activities. By including space-related themes into clubs, workshops, and projects, we aim to ignite interest for the aerospace industry among students. Social media platforms can be leveraged as an important tool, enabling the creation of educational content, virtual events, and online communities to connect students with the dynamic field of space exploration. Collaborations with local aerospace organizations and experts further enrich students' experiences, providing authentic insights into the industry. This paper proposes a comprehensive framework that amalgamates these various approaches to establish a vibrant space education ecosystem tailored for high schoolers in Quebec. By facilitating hands-on experiences, and utilizing digital platforms, our strategy seeks to inspire the next generation of space enthusiasts, fostering a community actively engaged in the wonders of aerospace exploration.