

IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)
Interactive Presentations - IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (IP)

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INTER-INSTITUTIONAL COOPERATION IN DESIGNING AN EDUCATIONAL PROGRAMME FOR
THE FIRST POLISH MISSION TO THE INTERNATIONAL SPACE STATION.

Abstract

The coming era of human spaceflight missions requires not only the meticulous preparation of astronauts, but also the cultivation of curiosity and enthusiasm for space exploration in future generations. This presentation highlights the collaborative efforts of an inter-institutional team to create a school education programme tailored to human spaceflight mission. Through the synergistic engagement of educational institutions, scientists, space agencies and industry partners, the programme aims to provide students with a comprehensive understanding of the challenges and opportunities of human spaceflight, inspire and educate students about the wonders of space exploration, while fostering critical thinking and STEM (Science, Technology, Engineering and Mathematics) skills.

The presentation will highlight the collaborative processes, pedagogical strategies and technological innovations used in the design of the school education programme.

The specificity of working in a large inter-institutional team is, on the one hand, the opportunity to look at the process from many perspectives and to combine many approaches and ideas. On the other hand, it also brings many challenges. The presentation aims to show what was achieved and how, during the work on the education programme for the first Polish mission to the International Space Station.