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

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THE EXPERTISE OF TOMORROW ARE THE STUDENTS OF TODAY

Abstract

With responsibility to our company, country, and society IAI thinks that it must be an encouraging force promoting stem education in order to share our passion for space with the next generation . IAI made a plan to promote stem education using our skills, knowledge, infrastructure and most of all our engineers. space is about the generation and dissemination of advanced science and knowledge, and is multidisciplinary by its nature ,space missions can only be achieved by collaboration of variety of scientific and technical expertise. From the educational point of view space is everything and it can be used as a drive/ trigger that is suitable to the student's nature interests. We figured a way to excite young students in Israel and invite them to become a part of the leading space industry in Israel

There are only few academic institutes that has a space faculty. so, In order to accomplish high level of space engineers, IAI established high level space program and OJT that is accessible not only for IAI's employees. Thousands of pupils and students have met our space technologies, introduced by our engineers who happened to live their dream by working in the Israeli space industry and by that contributing to our country's strength and technological capabilities We are Partnering with leading academic institutions in Israel to promote space education and pull grads into our space program like we do at the Technion – one of the leading technology academic in Israel. We create a culture of space –like the Beresheet effect which like the "APPOLO" effect, swept away many of the students in Israel effect, cooperation with other space companies and start-ups to create a growing local space ecosystem

Our programs take place in schools and universities all over Israel. The students in the program comes from various backgrounds and by giving them the resources and the right examples we encourage their desire. The Space ecosystem in Israel: Our programs takes place in collaboration with diverse organizations: Israeli Space agency (ISA),Israeli governmental ministries, Ramon foundation, universities ,schools and other space industries and start-ups . IAI,the Israeli space eco system leader see the partnerships as crucial for national and international progress for IAI and for the space industry.