

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

Author: Dr. Ana B. Heller
International Space Center - Space Park Israel Ashkelon, Israel, anaheller@gmail.com

HUMAN POWER AND SPACE INNOVATION
BY DR ANA B. HELLER -VP IN EDUCATION AND OUTREACH AT SPACECIALIST

Abstract

Missions such as, design, launch and tracking communication satellites, exploration of the unlimited Universe, scanning of the richness of Earth's soil, or study the many potential benefits of the space to humanity, all require high technology human power. Standards of excellence for those works are exerted by Boards, Colleges or Academies; unfortunately the result is that the present human power required is still not enough. By observing the patterns of the technological revolution of our time, it is clear that it have created more high-tech jobs than they have taken away, and even new occupations will emerge in the future. Today the space conservative world's community is slow to accept innovation, new challenges, and to embrace youth human power. Civil space companies however, show much more elasticity in their personnel recruitment and in the planning process. Space projects led by young students are increasingly attracting worldwide media attention. This paper examines the young workforce and the role playing in rejuvenating the space industry.