

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

Author: Mr. Abraham Akinwale
Space Generation Advisory Council (SGAC), Nigeria, tobiloba.akinwale@spacegeneration.org

Dr. NEAL FISCHER

Tel Aviv University, Israel, neal.fischer@community.isunet.edu

Ms. Mirta Medanić

Space Generation Advisory Council (SGAC), Austria, mirta.medanic@spacegeneration.org

Ms. Jodie Howlett

ESA - European Space Agency, United Kingdom, jodie.howlett@hotmail.co.uk

Dr. Herie de Vries

Yale University, United States, herie.devries@education.lu

Dr. Jan Walter Schroeder

CisLunar Industries, Germany, walter@cislunarindustries.com

Dr. Veronika Puisa

United Kingdom, veronika.puisa@gmail.com

Ms. Line Stensby Bogan

Norway, line@ccd.as

Mr. Reuben Serphos

The Netherlands, reubenserphos@gmail.com

Mr. Charlie Bilsland

Space Generation Advisory Council (SGAC), United Kingdom, cpbilsland@gmail.com

Ms. Mirela Souza de Abreu

Brazil, abreumirela@gmail.com

CAPACITY BUILDING FOR NEWSPACE AFRICA IN SPACE SCIENCE AND TECHNOLOGY:
DEVELOPING THE YOUTHS FOR THE FUTURE OF AFRICAN SPACE

Abstract

All scientific disciplines (formal, natural and social sciences) involving space exploration, natural phenomena, physical bodies have taken roots in the technology of today which driving growths and development globally. The events in outer space (e.g space medicine, exobiology also astrobiology) have majorly been driven over the years by the countries of other continent. We have seen how youth participation have changed the way we see the new space activities of Europe, America and Asia and the next frontier is the African continent. This paper focuses on the structural growth the African continent as a whole can experience by driving more space education into the economies of the individual countries and building capacities amidst the youths. There is the new African Space Agency coming up very soon and we have started seeing the impact of space startups directly involved in rocket launches, earth observation, different levels of programming and many. This paper also highlights the economic impact of this capacity building in the youths of the African continent and the influence on the future of Newspace Africa