



Name	Ryozo Ariyoshi
Email	honolulumailbox@gmail.com
Country	HAWAII
Symposium	3 SYMPOSIUM ON SPACE PHILOSOPHY AND OUTREACH
Theme	3.1 A conceptual timetable for the founding steps of Space Settlement
Abstract Title	Timetables for Space
Abstract Code	SRIC3-SPO-3.1.07-072
Co-authors	--

Abstract

This paper takes a realistic look at space timetables and recognizes the many innovative technologies that we must research and develop in order to achieve human lunar settlements and off world migration but philosophically recognizes the value of “rosy projections” for space timetables in their effect of stimulating a new generation of space enthusiasts to “reach for the cosmos” and in generating government support for national space agencies.

This paper also suggests maybe lowering the bar by placing less emphasis on lunar settlements and off world migration of 1B Earthlings and more emphasis on more realistic and achievable space goals like 1.) Space Tourism involving SSO (sun synchronous), low earth or polar orbiting highlighted by trips to space hubs and 2.) Robotic Lunar Bases which eliminate the risk and challenges associated with human settlements.

To provide balance, I am ending my paper with a rosy, optimistic schedule as articulated by Bernard Foing predicting that by 2030 there will be 10 astronauts on MoonBase, by 2040 100 habitants, by 2050 a thousand on the moon, by 2060 10,000 moon cities by 2030 Astronauts on Phobos, by 2035 Astronauts on Mars and by 2045 a permanent human presence on Mars.

This will keep us all optimistic and hopeful, dreaming and striving for our goals of space cities, space tourism and off world migration.

A short bio

President, Launch Director, Co-Founder of GALIX, the Global Alliance for International Collaboration in Space. Space entrepreneur, based in Honolulu, Hawaii. Founder and Director of HiSpace.