

ASTRONAUT UNDERWATER TRAINING EXPERIENCE

Welcome to the PARADISE of SPACELAND !

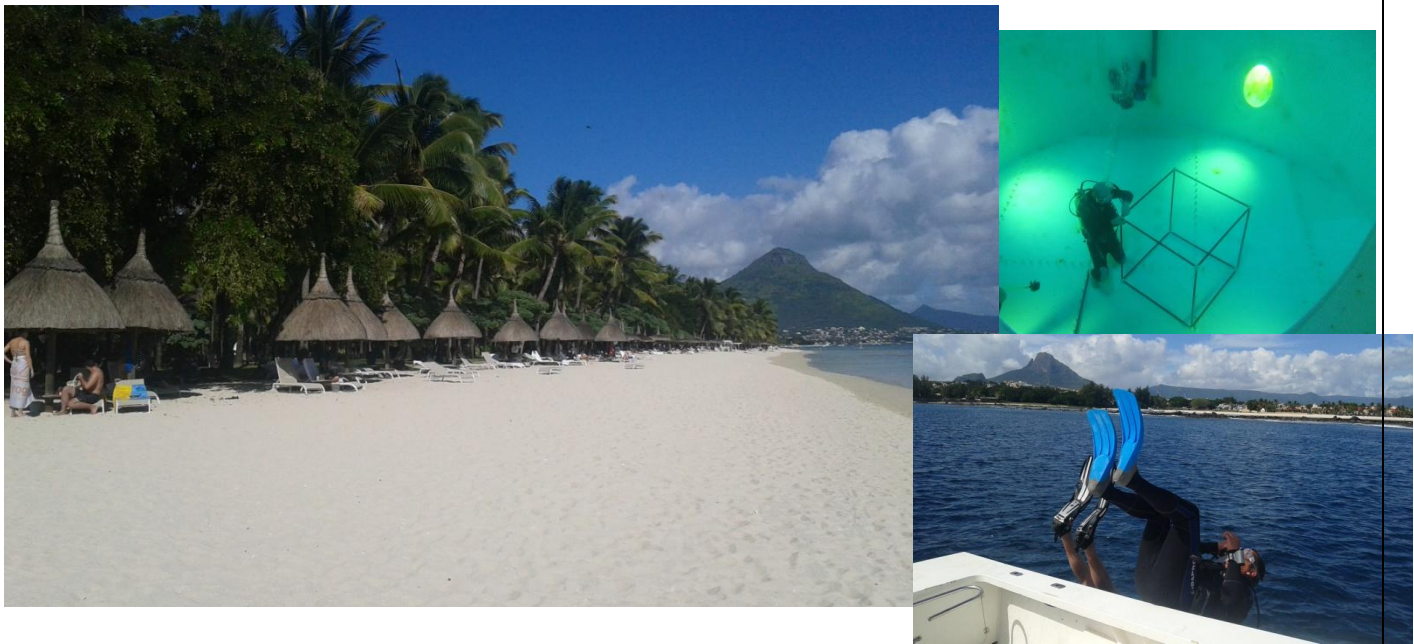
From this



to this



ASTRONAUT UNDERWATER TRAINING EXPERIENCE



***PSYCHO-PHYSICAL QUALIFICATION program
for SPACELAND LUNAR-G, MARS-G and ZERO-G FLIGHTS
for SCIENCE RESEARCH / TECHNOLOGY INNOVATION / SPACE TOURISM***

"A la carte science & technology"

Trainees might ask to focus on one of the following disciplines during classroom training: space program management, ICT and technology innovation related to aerospace, astronomy, astrophysics, cosmology, esobiology, archeo-astronomy, manned space systems, aerospace flight operations, space exploration, astronaut training, space engineering, aero-fluid-dynamics, rocket science and propulsion, microgravity-related life-sciences or material sciences, pharmacology, biomedicine, biology, bioengineering, robotics applied to aerospace programs with practical examples from the *SpaceLand expertise acquired as only non-USA entity in the NASA Microgravity Pathfinder Flight Program from the Space Shuttle L.F.*

DAY 1

- Arrival at the resort and check-in
- SpaceLand documents, forms and gadgets hand-over
- Welcome with NASA/ESA SpaceLand Microgravity Flight Veterans or Shuttle
 - Medical certification check-up
 - Anthropometric measurements
 - Psychological tests
 - English & NASA jargon tests

DAY 2 - Morning : Introduction to SpaceLand and underwater microgravity: by multimedia tools and top-level microgravity flight experts with NASA and ESA International Space Station program experience, a strong foundation is established on what gravity is, Newton's Laws, microgravity and Lunar-gravity / Mars-gravity flights through parabolic, sub-orbital and orbital programs, state-of-the-art scientific research and technology innovation in weightlessness and low-gravity such as on Moon, Mars and asteroids, effects of space environment on humans, your future in Microgravity. Includes refreshments, educational resources and experiment design materials

- DAY 2 – continues with parallel sessions:
 - Individual interviews for aerospace training role assignment based on earlier tests
 - Aquaticity test by Discover Scuba Diving lesson 1 preparing for underwater 0-gravity tests and Moon-walking

DAY 2 - Afternoon

In parallel :

- follow-on of morning aquaticity test with Discover Scuba Diving lesson 2, in preparation to underwater microgravity tests and Moon-walking
- Introduction to astronaut psycho-physical fitness and mental health, hindi-style meditation
- Space team building & sport session (swimming/beachvolley tailored to micro-G flight preparation)

DAY 2 - Evening: Stars-dining: Social dinner with NASA/ESA Micro-G Veterans &/or Shuttle Commander

after dinner

- International Space Station tracking and real time fly-by observation (weather & NASA schedule permitting)
- Galaxies and planet observation (weather permitting)

DAY 3 – all day

- Astronaut training and preparation to fly and to re-entry from flight
 - Orienteering and survival training for *off-nominal reentry* from Space
 - Vertigo tests and zip-line evacuation training in tropical forest
 - Familiarization with weightlessness in waterfalls in natural lakes in tropical forest

DAY 4 - Morning

- Multimedia workshop on SpaceLand Microgravity Flights - NASA/ESA vis-a-vis Mauritius space program
- Underwater training in open water, preparing underwater Moon-walking Diving 3 (SpaceLand underwater site)

DAY 4 - Afternoon

- Preparation to Moon-walking test - Diving 3 (SpaceLand underwater site) – continues -
- Fitness training
- Pleasures of microgravity for wellness and health

DAY 5 - Morning

- Preparing your SpaceLand Flight mission: group classroom at the beach
- Space training at 7-meter-depth, underwater Moon-walking at SpaceLand site

DAY 5 - Afternoon / evening

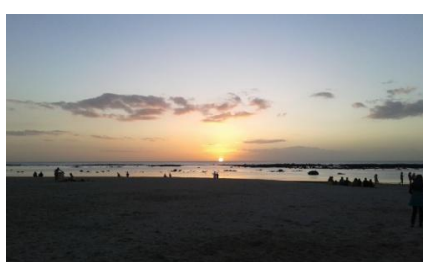
- Classroom session on individual experiments / experiences / activities on future flight mission
- Mastering microgravity – analysis and evaluation of training results
- Ceremony & Space Party under the Milky Way – *see you at the Advanced Training*

DAY 6 Back up day in case of adverse weather the days before

DAY 7 and following (if chosen) **Free**

Non-Trainee Guest Package : special for friends and family members wishing to join in, on the pre and post astronaut underwater training activities but would rather keep both feet on the boat while the trainee practice Moon-Walking in the SpaceLand underwater site. Includes SpaceLand - Sun Resorts merchandise and attendance at the welcome event, the night observation and the SpaceLand Award Ceremony.

Package also for **corporates incentives** and **team competitions** for a « **Space Race** » against each other, on performance scores



Examples from previous SpaceLand courses for flights at NASA KSC - Space Shuttle site



(herebelow, SpaceLand Training Head Doct. Carlo Viberti inside underwater Space-Suit, performing external maintenance of Space Station mock-up at Le Bourget)



JOIN US in the PARADISE of SPACELAND !

E-mail : SpaceLand@SpaceLand.it

Eng. Doct. Francesco Massa – Marco Brizio

www.SpaceLand.it

