

IV SpaceLand Forum

Techno-sciences and business for the Space Generation

Mauritius
13-15 December 2018

www.SpaceLand.it



Knowledge & progress for a better planet

Sustainable progress and socio-economic development imply research; research implies creativity and produces business: techno-science research programs in weightlessness and Mars-gravity / Moon-gravity, such as the SpaceLand ones focused on the involvement of elderly, kids and disabled, can support such an equation, triggering new socio-economic development and business opportunities.

Microgravity and low-gravity environments can provide unprecedented conditions and capacities for *state-of-the-art* pharmaceutical, biomedical and material sciences research, as well as multi-disciplinary technology innovation opportunities for new human-rated and robotic systems, also for critical, tele-controlled and/or automated applications and spin-off's in remote, hostile or harsh environments.

This approach also fosters both education and commercially-driven research leading to new products and services to be developed by innovative entrepreneurs and the high-tech enterprises of the 21st century, creating highly-skilled labour-intensive jobs to benefit the whole society, also enhancing the quality of life of the weak social classes: this is the context for the *4th SpaceLand Forum*, endorsed by several top-level institutions such as the *200-Countries & 27000 subscribers-strong* International Astronautical Federation "IAF".

Completed by an original *networking night-meal* on one of the most beautiful beaches of the planet, the meetings and presentations envisaged for the Forum will stretch from the 13th to the 15th of December 2018 on the breath-taking main island of Mauritius; the events follow on successful symposia by SpaceLand in Europe, held with the support of the European Commission's V-President and many other international institutions (see for instance <https://www.asi.it/it/eventi/convegni/spaceland-expo-congress>).

The Forum will bring together stakeholders, investors, scientists and techno-science industry to examine, consider and collaboratively stimulate with youngsters and young professionals a myriad inter-disciplinary perspectives on space and microgravity-related techno-scientific matters, especially for the sustainable development of African and Asian regions: Space Policies, Business and Entrepreneurship, Space outreach and STEAM (Science, Technology, Engineering, Arts and Medicine), United Nations' Sustainable Development Goals (SDGs) and Capacity-Building programs for Africa and the Indian Ocean will be among the main topics of the event.

As detailed in the next page, emphasis will be also given to the 3-G challenges and opportunities (Gender, Geography, Generation) and to the ground-breaking design for research, education and leisure centers including underwater & ground facilities for Moon-gravity and Mars-gravity, such as the ones of the Mars-habitat-looking SpaceLand Center planned in the region.

Recommendations to relevant public, private and non-governmental sectors will be made, helping to shape the future of the African and Indian Ocean-facing Countries, also to forward proposals to the United Nations Committee on the Peaceful Uses of Outer Space (U.N. COPUOS); details on the involvement of both the above players and the young generations in the SpaceLand Center will also be provided, updating the multimedia presentation given at the U.N. - UAE High-Level Forum in November 2017 by the Head of State and Doct. Carlo Viberti, President of SpaceLand and NASA/ESA Zero-Gravity Research Flight Veteran.

Set the date for 13-15 December 2018: welcome to Mauritius, your first SpaceLand !

<http://www.iafastro.org/evenements/4th-spaceland-forum/>



4th SpaceLand Forum

13-15 December 2018

Flic-en-Flac, Mauritius



Program topics

The SpaceLand group has set several *world-records* such as preparing underwater and then bringing the **world's first disabled person** and **first disabled woman** (Elma Schippa, in April 2005), the **world's oldest man** (93-year-old Cesare Massano, in 2007) and the **world's youngest kid** (Carlo Viberti's son, namely 11-year-old Kim Marco Viberti, in 2008) to fly as *science research test subjects* and *technology test-operators in weightlessness* for major research programs taking off from the **NASA Space Shuttle Landing Facility** at Cape Canaveral in the past decade.

Such results contribute to demonstrate that "**humanizing Space, Science and Technology**" is possible; moreover, this goal is also essential to bring citizens closer to the state-of-the-art knowledge, enhancing everybody's quality of life thanks to the opportunities and benefits of Space and microgravity R&D programs.

In this respect, speakers and key-notes being inserted in the program of the 4th SpaceLand Forum will mainly cover the following topics:

3-G aerospace and STEM disciplines: Gender, Generation, Geography

- women from the Earth to Mars: from construction of ground facilities to planetary habitats, from female designers to payload specialists & astronauts ;
- the young generations toward Mars: lessons learnt with pioneers of Space and Microgravity programs ;
- international opportunities to support Africa's future in Aerospace-related STEM: business and entrepreneurs ;
- 3-G opportunities in the Zero-G, Moon-G and Mars-G facilities being developed in Mauritius.

Your support is essential !



Participants will be given an *e-voucher* for discounted accommodation at 5 meters from the crystal-clear sea. Accommodation for low-budget delegates might be found for as low as 25 EUR per night

See you in Mauritius !

Please send any info request to SpaceLand@SpaceLand.it

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