

# The Commemoration of the 50<sup>th</sup> anniversary of the first man on the moon



Hosted by AeSM and RGSC  
20 July 2019



Neil Armstrong



## THE AERONAUTICAL SOCIETY OF MAURITIUS

### **Programme 20 July 2019 Moon Landing 50 years Anniversary. Main (morning) Programme**

**Main VIP GUEST:** His Excellency David Reimer, Ambassador of the United States of America.

**0945:** Guests to be seated.

**1000:** Welcome from AeSM and RGSC by Capt Dick Twomey and Dr Aman Maulloo.

**1005:** Setting the scene, by His Excellency David Reimer, Ambassador of the United States of America.

**1015:** PRESENTATION by HOWARD NYE, Space expert from the Royal Aeronautical Society (UK): From President Kennedy's announcement of the lunar programme to the present day, finishing with an overview of NASA's plans to return to the moon by 2024.

**1100:** PRESENTATION by Dr CARLO VIBERTI, President of SpaceLand Italia, himself an astronaut, showing videos of normal people experiencing zero-gravity flights.

**1140:** The Mauritius Research and Innovation Council's cube satellite, ready to be launched this year, by Dr VICKRAM BISSONAUTH, Research Director MRIC.

**1150:** Introducing the Astronomy Society of Mauritius, by BHASKER DESAI.

**1200-1230:** Light Refreshments.

### **Special afternoon Programme**

This Programme, commencing at 1400 with message from the Minister of Education, will be similar to that of the morning session, but tailored for an audience composed of the secondary school students including AeSM Junior Aviators.





Café  
Scientifique  
Maurice



## MOONWALK JUBILEE Seminar

### APOLLO - 50 YEARS SINCE MAN FIRST WALKED ON THE MOON

Howard Nye



The talk will celebrate NASA's magnificent achievement of the Apollo mission putting man on the moon 50 years ago, addressing how the programme came about, its technical challenges and specific details of the first moon landing. Moving from human exploration, the talk will address some of the changes brought about since Apollo that have led to today's exploitation of space for the benefit of Society, particularly through advances in commercialization of Space. Finally an overview will be given of the current international initiatives, in particular NASA's goal to return to the Moon by 2024.

#### The speaker:

Howard Nye read physics at Bristol University, graduating in 1973 and joining the British Aircraft Corporation as a space systems engineer in Bristol, where he later worked on the solar array for the NASA Hubble Space Telescope. In 1980 he left BAC to join the NASA/ESA Spacelab 1 programme, initially preparing the astronauts at NASA MSFC in Huntsville, former home to Werner von Braun. He was subsequently based at NASA Houston, interacting with the astronauts during their 10 day mission on board Space Shuttle Columbia in 1983. He then joined ESA, and returned to Europe to play a lead role in a number of ESA science missions, including Giotto's mission to Halley's Comet, and later responsible for mission and science preparations for the XMM-Newton X-ray telescope mission launched in 1999, still in operation today. Subsequently responsible for cooperation initiatives between ESA and its member states, including regarding Galileo operations, he took on responsibility for all five ESA establishments across Europe and subsequent initiatives to improve corporate efficiency. Since 2015, he offers aerospace consulting

**20 JULY 2019**  
**@ 9:45 and 13:45**  
**Rajiv Gandhi**  
**Centre**  
**Port Louis**



email: [secretary@aesm.mu](mailto:secretary@aesm.mu)  
for an invitation





## MOONWALK JUBILEE Seminar

### SPACELAND: Taking Mauritius to Space

Carlo Viberti



We would not exist without Gravity. Its absence can only be experienced in Outer Space or on board special "microgravity" flights and is reserved to the very few. The SpaceLand program, which intends to turn Mauritius into the *1st Island of Space*, will allow everyone, including children, the elderly and people with disabilities, to experience microgravity and zero-gravity. A unique "weightless" research, educational and training centre is being developed by SpaceLand. It will support scientific, technological and planetary exploration programs, putting Mauritius in a leading position in science, innovation and Space tourism.

The talk will show videos of microgravity flights and will cover the SpaceLand program. This includes the construction of a "SpaceLand City" in Trianon, and the proposal for licensing the SSR airport as "Spaceport". Within a few years, this would allow space aircraft, such as the future "Space Shuttle", to land and eventually take off from Mauritius.

#### The speaker:

Dr. Carlo Viberti is an aeronautical engineer. He is the CEO of SpaceLand, a European company specialized in Microgravity flights, with a branch in Mauritius. Graduated "cum Laude" as Doctor in Aeronautical Engineering at the Polytechnics of Torino, Carlo carried out techno-science experiments for the European Space Agency, NASA and SpaceLand, spending three times longer than Yuri Gagarin in "zero-G". He was selected by the President of the Italian Space Agency as the first sub-orbital astronaut-engineer for upcoming sub-orbital research flights. Currently, he heads the SpaceLand program in Mauritius, with the support of the United Nations.

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