

Physical Research Laboratory
(A Unit of Department of Space, Government of India)
Navrangpura, Ahmedabad – 380009

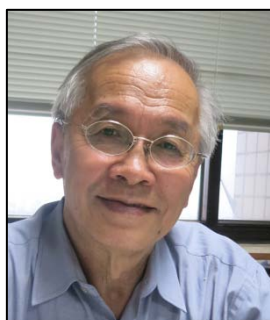
PRL announces *public lecture*

“Ice Skating on the Moon”

by

Prof. Wing-Huen Ip

National Central University, Taiwan



at

XICA Hall, St. Xavier’s College, Ahmedabad

Date: Saturday, January 19, 2019

Time: 11:00 hrs.

Abstract

The discovery of frozen water ice in the polar regions of the Moon by the M³ experiment on the Indian Chandrayaan-1 mission has ushered in a completely new era of lunar exploration. From now on, the establishment of a permanent lunar colony would become a realistic goal of the international space community. In this talk, we will give an overview on the recent and on-going scientific efforts in the search for water resource on the Moon. We also try to take a peek at what might happen up there in 20 years, perhaps including the possibility of an ice skating rink.

About the Speaker

Professor Wing-Huen Ip received his undergraduate education in Hong Kong (BA from CUHK in 1969), and graduate training in USA (PhD from UCSD in 1974). His main research fields are cometary physics, planetary science, solar system evolution and exoplanets. He worked at the Max Planck Institute for Solar System Research from 1978 to 1998 prior to his employment at Institute of Astronomy and Space Science, National Central University, Taiwan, where he has held the positions of Dean of College of Science, the Vice President, and the Vice Chancellor of the University System of Taiwan. He has served as European Editor for Journal of Geophysics (Space Science), Executive Editor of Planetary Space Science, and Editor-in-Chief of Advances in Geosciences. He was Founding President of Asia Oceania Geosciences Society (AOGS). He is member of International Academy of Astronautics (2000), AGU Fellow (2007), and Honorary Member of AOGS (2008). He was awarded the Exceptional Public Service Medal of NASA (2009) for his work on the Cassini-Huygens mission to Titan and the Saturn. He has participated in several other major planetary missions including Giotto to comet Halley, Galileo to Jupiter, Mars Express and Rosetta.
