

SPACE EXPLORATION SYMPOSIUM (A3)  
Moon Exploration – Poster session (2D)

Author: Dr. Guy Pignolet  
Science Sainte Rose, La Reunion, guy.pignolet@science-sainte-rose.net

Mr. Alain Bertil  
Cite du Volcan, France, alain\_bertil\_1@hotmail.com  
Mr. Patrice Huet  
Cite du Volcan, France, patrice.huet@maisonduvolcan.fr  
Mrs. Maryam Aljoaan  
Kuwait Science Club, Germany, m.aljoaan@jacobs-university.de

FIELD SURVEY OF SALM VOLCANO STRUCTURES ANALOG EXPLORATION OPPORTUNITIES  
IN REUNION ISLAND

**Abstract**

During the month of September 2014, a group of graduate students from Arabian Universities will make a field visit to the SALM Moon Mars Analogue Site in Reunion Island to assess the potential for analog studies for Moon and Mars volcanic structures. This paper will report on the variety of opportunities concerning : - the study of lava tubes and other structures at Piton de la Fournaise volcano, - an overview of sampling and other exploration and evaluation techniques that may be suitable for use on Solar System bodies and that may be developed and tested on the analogue site.