



The Canadian Nuclear Society - Toronto Branch

At

The University of Toronto

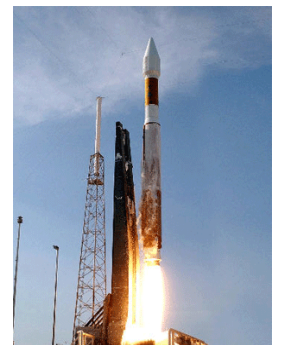
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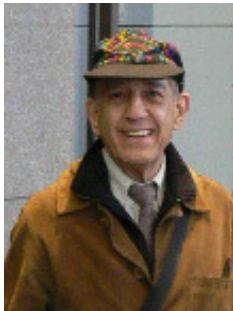
PRESENTATION

Are Humans Ready to Land On Mars

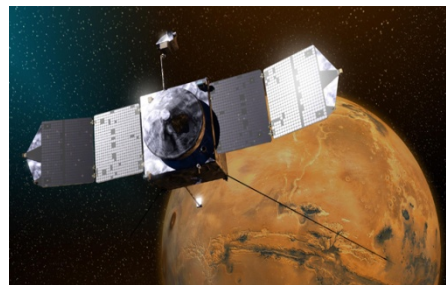
Since the Mars Science Laboratory (Curiosity) landed on Mars there has been increasing interest whether humans can travel to our neighbouring planet. This presentation will outline the known hazards in outer space missions and draw attention to the issues of incessant radiation, microgravity effects, shielding inadequacy, and the psychological effects on a long lonely journey. The presentation will also outline the concepts of getting to Mars and the possible countermeasures against the hazards, the latest research that is currently being done.



OUR SPEAKER



Nicholas Sion is a graduate of London University (UK) in Engineering Physics plus an Advanced Math degree from Battersea College [University of Surrey], followed by postgraduate studies at Birmingham University (UK) on airborne radars most of which was classified. Was offered a position with Ontario Power Generation and switched from the cosmic to the atomic to work on nuclear radiation. He now applies his training to radiation protection of astronauts from galactic radiation, alternate methods of developing radioisotopes, and to the protection of patients and medical staff from therapeutic radiation.



WHERE: Bahen Centre For Information Technology, 40 St. George St. Toronto. Room BA1170

DATE & TIME: Friday 21 November 2014 at 6:30 p.m.

REGISTRATION: Book with [Eventbrite](#) under "Are Humans Ready to Land on Mars". Free Event.

[Limited to 132, the auditorium size, and fire regulations. Suggest early booking]