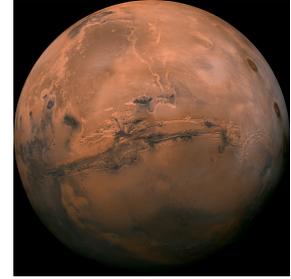


SOLAR SYSTEM SOCIAL

APRIL 28 @ THE BURDOCK (1184 Bloor)



Doors at 6 pm, Speakers at 6:30 pm

\$10 in advance, \$15 at the door.

Buy tickets: <http://burdockto.com/shows/?show=613>

Solar System Social is a monthly space-themed speaker series that brings exciting ideas and research from the field of planetary science to the general public in form of short, informative, and interesting talks that last about 20 minutes each. This event focuses on Mars, one of Earth's closest neighbours in the solar system, and the target of several upcoming science, exploration, and colonization missions being planned by NASA and SpaceX. To discuss their recent work relating to the red planet, we have two speakers: Jordan Bimm (former NASA fellow in the History of Space Science) who will deliver a talk titled, "Putting Mars in a Jar: The Military Origin of Astrobiology", and David Hamilton (former NSERC fellow in Technologies and Techniques for Earth and Space Exploration), who will share his paper, "What can we learn from lasers on Mars?". Following each talk, audience members will have the chance to ask questions, with speakers encouraged to frame their answers toward fostering public understanding of and engagement with space science and exploration.

ABOUT OUR SPEAKERS:

Jordan Bimm is a space historian and PhD candidate in Science & Technology Studies at York University. His forthcoming dissertation *Anticipating the Astronaut: Subject Formation in Early American Space Medicine, 1949-1959* explores the emergence of the American astronaut in pre-NASA military space medicine and space psychology research during the early Cold War. In 2013, his article "Rethinking the Overview Effect" won the Sacknoff Prize for Space History, and in 2014, he was awarded the NASA Fellowship in the History of Space Science. In 2015-2016 he spent two terms as a visiting student in the Department of History and Philosophy of Science at Cambridge, and most recently, another article "Putting Mars in a Jar: The Military Origin of Astrobiology" won the 2016 Cold War Essay Prize awarded by the Adams Center for Military History and Strategic Analysis at the Virginia Military Institute. His work has been published in *Quest: The History of Spaceflight*, and *Technology's Stories*. @jordanbimm

David Hamilton is the founder and host of Solar System Social. He is a space physicist who loves *The X-Files*, *Star Trek: TNG*, and working with new laser-based instruments to explore planetary bodies. He received his M.Sc. from York University under the supervision of Dr. Mike Daly (Osiris-Rex laser altimeter, DEXTRE, Phoenix Lander). His graduate research focused on Raman spectroscopy for biosignature detection on the Martian surface. This was supporting a Canadian Space Agency (CSA) study. His undergraduate research focused on instrumentation to develop models of asteroid material reflectance distribution. This work was background science for the Osiris-Rex mission currently en route to the asteroid Bennu. You can also find David around town as the mandolin player in the popular Toronto folk rock band Beams. @space_physicist