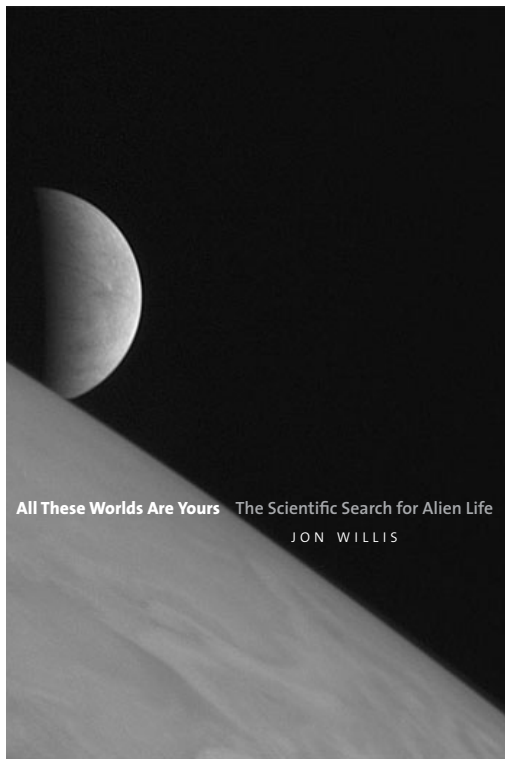




University
of Victoria

Public Lecture and Book Launch

All These Worlds Are Yours: The Scientific Search for Alien Life



by Jon Willis,

Associate Professor, Physics and
Astronomy

Wednesday, October 5th, 7.00pm

Bob Wright Centre, Room B150

Reception and book signing follow talk

Presented by the Department of Physics and Astronomy

Describing the most recent discoveries by space exploration missions, including the Kepler space telescope, the Mars *Curiosity* rover, and the *New Horizons* probe, Willis asks readers to imagine—and choose among—five scenarios for finding life. He encourages us to wonder whether life might exist within Mars's subsoil ice. He reveals the vital possibilities on the water-ice moons Europa and Enceladus. He views Saturn's moon Titan through the lens of our own planet's ancient past. And, he even looks beyond our solar system, investigating the top candidates for a "second Earth" in a myriad of exoplanets and imagining the case of a radio signal arriving from deep space. Covering the most up-to-date research, this accessibly written book provides readers with the basic knowledge necessary to decide where they would look for alien life.