The Faculty of Science Department of Computer Science invites you to a virtual public lecture with alumnus Dr. Larry Matthies (’79 BSc Honours), who works at NASA JPL to put robots on other planets, like Perseverance on Mars. This is a public lecture series by alumni and friends of the Department of Computer Science. Please be sure to register in advance.

Wednesday, March 24th, 7 p.m. – 8 p.m. via zoom  
Registration: [https://uregina-ca.zoom.us/.../tJYkdemuqjsoHNBOgCAnv4b84G...](https://uregina-ca.zoom.us/meeting/register/tJYkdemuqjsoHNBOgCAnv4b84GwrZzlT81Es?fbclid=IwAR31Wz85PBgHCgrvg4ov0up07r3qKt68FugFMlQ_yhaHA6Xdzf4T1VZZQJE)

Dr. Larry Matthies has been with NASA Jet Propulsion Lab since 1989, now as a Senior Research Scientist. He has pioneered development of many computer vision-related capabilities that had and will have high impact on robotic solar system exploration. He was awarded the NASA Exceptional Achievement Medal in 2007.

The mission of Perseverance is to improve our understanding of the ancient climate and to examine the possibility that life or precursor molecules evolved there. The rover will also acquire a set of samples and leave them for a mission that the U.S. and Europe plan to send later this decade to bring the samples back to Earth. Perseverance also carries a small helicopter called Ingenuity, which is intended as a technology demonstration of the first heavier-than-air aircraft ever to attempt flight on another planet.