

# SENSORS - FROM AUTOMATION ON EARTH TO EXPLORATION ON MARS

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### ABSTRACT

In this lecture the role of sensors for automation of life on earth with emphasis on robots is first given. Some movie clips on snake robots and wall-climbing robots are presented. Then, discussions will be diverted to space applications and the role of sensors there. The audience will then be taken on a journey to Mars with some animated movies.



MER – Mars Exploration Rover



“*Spirit*” at work on Planet Mars

**Date:** *Friday June 18<sup>th</sup> from 2:30 to 3:30*

**Location:** *University of Waterloo – EIT 1015*

*Everyone welcome. Refreshment will be served.*