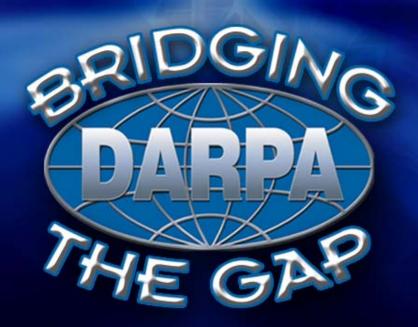


Learning Navigation and Locomotion

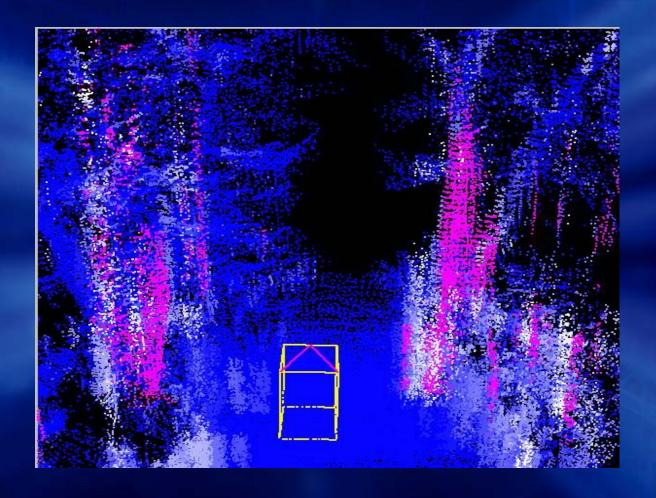
Larry Jackel



PerceptOR Tests

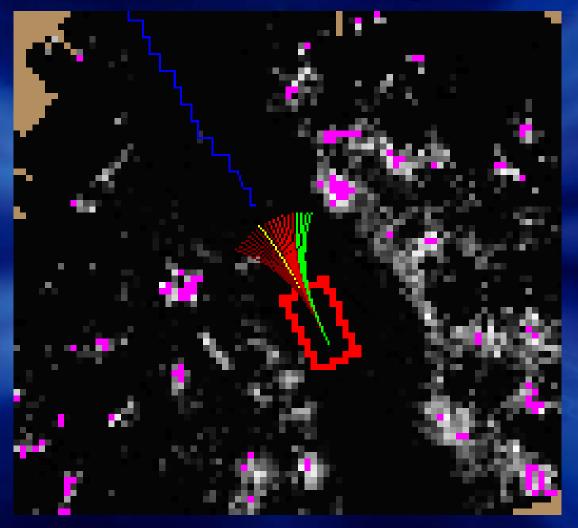


3-D LADAR View



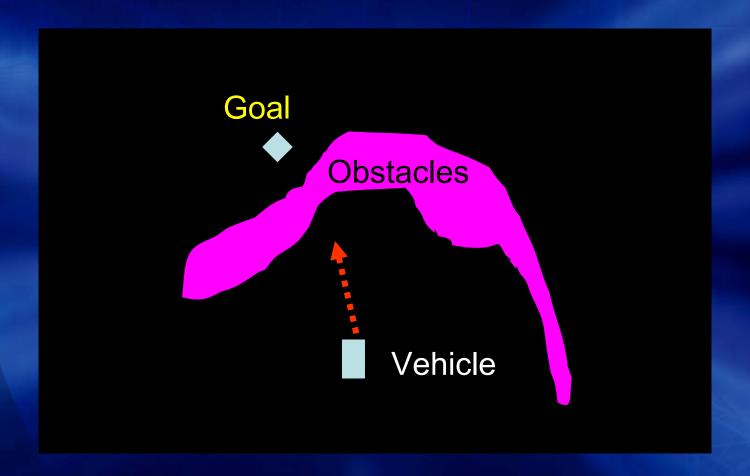


2-D Cost Map





Near-Sighted Behavior

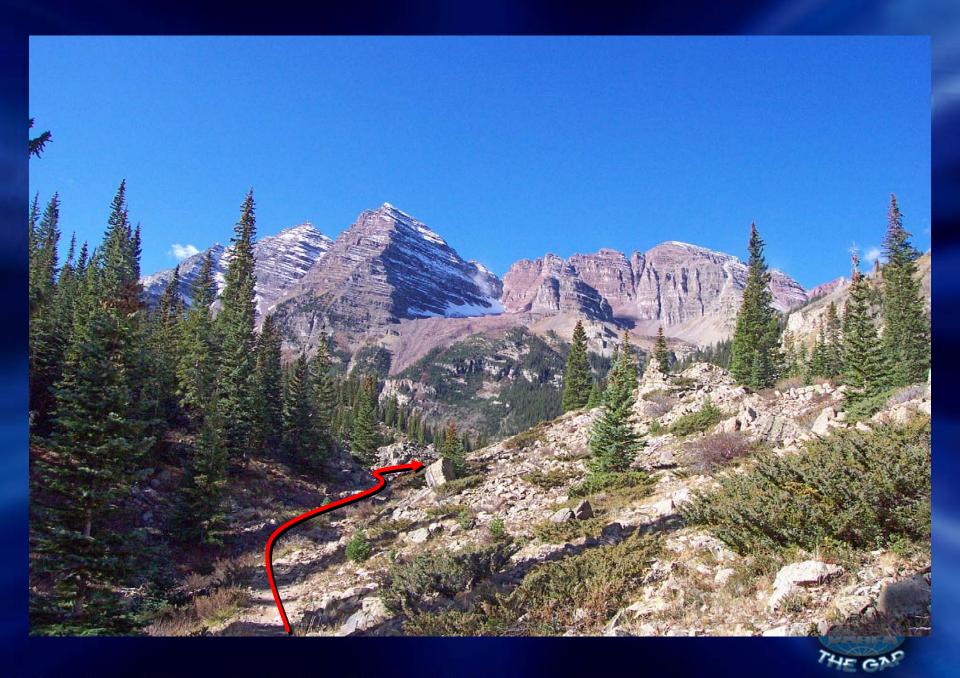




No use of LADAR





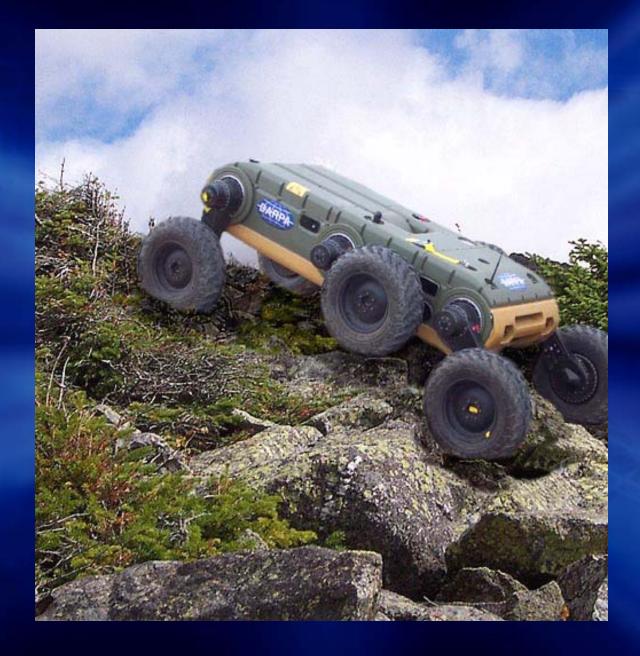




STEERING ANGLE

























Vehicle state info
+
Terrain info
+
Sensor inputs from
environment
+
Goal info

Vehicle Control Function



Vehicle state info
+
Terrain info
+
Sensor inputs from
environment
+
Goal info

Vehicle Control Function Actuator commands



weights

Vehicle state info

+

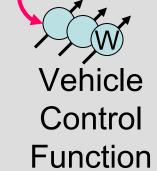
Terrain info

+

Sensor inputs from environment

+

Goal info



Actuator commands











