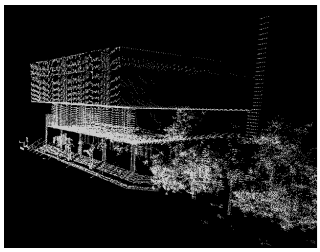
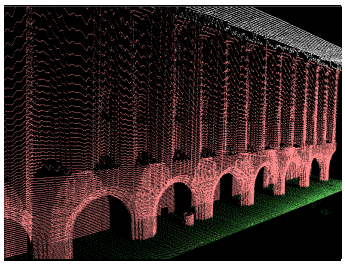
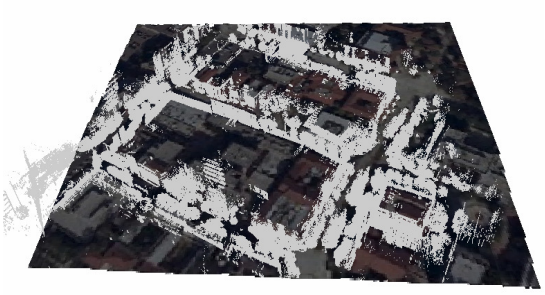
Mapeamento - Resultados



Mapeamento - Resultados



Mapeamento - Resultados



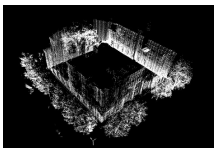
Mapeamento – Aquisição de dados

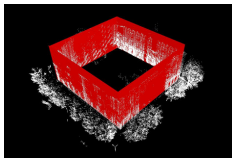
Robotic Embedded Systems Lab.

3D Map of
McKenna Range, MOUT Site

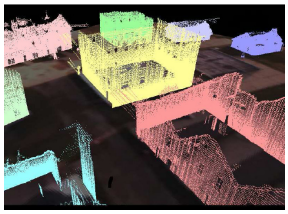
Denis Wolf & Gaurav Sukhatme

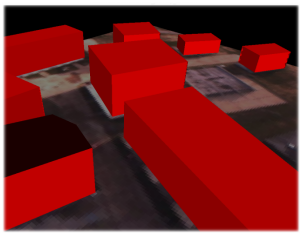
Outras Representações para Mapas 3D





Mapas 3D





DARPA Grand Challenge 2004

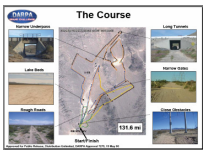
Premio de **US$1.000.000,00**

Desafio: Percorrer 224km no deserto de forma autônoma

106 equipes inscritas e 25 finalistas

Melhor resultado: Red team (12km)

"Nobody won. Nobody even came close" - CNN



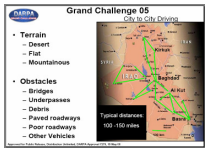
Veículos Autônomos - Desafios

DARPA Grand Challenge 2005

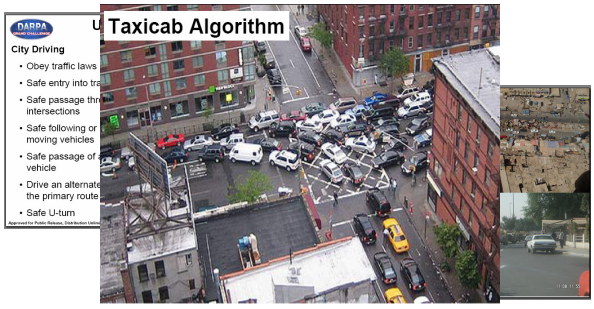
Premio de **US$2.000.000,00**

195 equipes inscritas,
23 finalistas
5 terminaram o percurso

Vencedor:
Stanley
(Stanford University)
6h 53m



DARPA Urban Challenge 2007



DARPA 2007 - Resultados

"**none** of the winning teams had taken **any demerits** for **traffic violations**, and that the winners had all been selected based on their finishing times "

"Tartan's vehicle averaged about 14 miles per hour throughout the course, which covered about 55 miles. Stanford averaged about 13 miles per hour, and Virginia Tech averaged a bit less than that "

DARPA 2007 - Vencedor

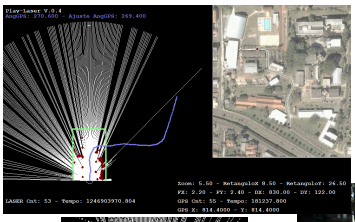
Junior

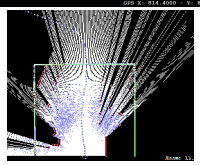
NOVA

Equipe campeã – TARTAN Racing

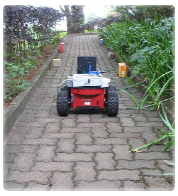
Veículo Autônomo – USP/SC

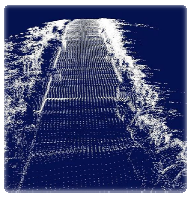
Veículo Autônomo – USP/SC

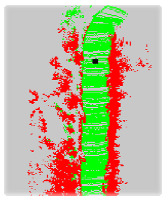




Veículo Autônomo - LRM

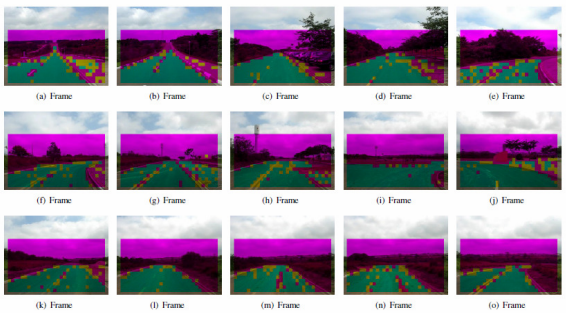






Navegação baseada em mapeamento a laser

Veículo Autônomo - LRM



Navegação Visual