Boston.com home
PULL DOWN FOR OTHER SECTIONS Go

TECHNOLOGY

FRIDAY, JUNE 26, 1998

Techie Corner
Downloads
Discussions
Conferences
Local ISPs

Local industry market quotes
Computer products
Electronics

News on Boston.com

Reuters/Wired Magazine Tech Wire
Latest news
Mass HighTech
Computer News
Daily Boston Globe
Cybernotes

Businesswire

Yellow Pages Directory
Computer repair
Computer services
Consultants
New computers
Software
Supplies
Used computers
Cellular phones
Pagers & paging
Phone equip.
Phone service

Italian researchers to demonstrate self-guided car

SAN FRANCISCO (Wired) - Next month an Italian research team will demonstrate the Argo, a self-guided prototype car that will reportedly drive itself through Italy using an on-board computer.

Researchers say the car's electronic intelligence can determine its relative position in the driving lane, ''extract'' the geometry of the road, and locate upcoming obstacles.

The car was developed at the University of Parma and overseen by the Italian National Research Council.

According to the university, the computer processes images acquired by a stereo vision system via windshield-mounted cameras.

The results control an electric motor mounted on the steering column. The visual processing system obviates the need for coordination with a road-based infrastructure, the university says.

The researchers hope to show that the system's low-cost general purpose hardware can be used to safely drive a vehicle under different road and environmental conditions. A Web site (http://millemiglia.ce.unipr.it/ARGO/english/index.html) gives technical information about the car.

See who's part of the Boston.com community.