



Welcome to the first VICOROB-UdG^{TEAM} Newsletter. The aim of this document is to disseminate information related to the SAUC-E competition and, particularly, the advances of our team, to the community that has expressed their support.



Who is who?

David Ribas is an Industrial Engineer current working for his Phd. in Information Technologies at the University of Girona. His research interest is focused in navigation systems for AUVs, particularly he works on Simultaneous Localization and Map Building for AUVs in partial structured environments like dams or harbours. He acts as the Team Leader. In the SAUC-E project he is in charge of the navigation module.

News

- o VICOROB-UdG^{TEAM} home page is available online <http://eia.udg.es/sauce>.
- o VICOROB-UdG^{TEAM} appears in a local newspaper ("El Punt")
- o Try to search for "SAUC-E" in the Google. Ours is the unique team which appears.
- o 1st simulation of the SAUC-E competition runs on NEPTUNE and has been submitted to the WAF'2006 national Workshop.



Robot

This is the current state of our prototype. Right now it is basically a set of components on a lab table together with a list of things to buy and a very big todo list. Don't worry!, it will be ready at due time.



Tools: Gentoo Linux

At the core of the UdG Robot, a Linux Gentoo distribution with a 2.6 pre-emptive kernel will be responsible for the real-time execution of the robot tasks on 2 networked onboard computers.

Sponsor of the Month

Our team wants to thanks the Catalan Association of Artificial Intelligence, as well as to the Politechnical School of Engineers of the University of Girona for their unconditional support. Thanks for trusting on our team.