



1st CAMBADA Workshop, 7th November 2009

Anf. IV -- DETI, University of Aveiro

Program:

- 09h00 Software architecture of the CAMBADA robots
Artur Pereira
- 09h15 The new CAMBADA platform
Bernardo Cunha / José Luis Azevedo
- 09h30 On the Use of General-Purpose Operating Systems for Soft Real-Time Embedded Applications
Paulo Pedreiras
- 09h45 Vision system: From calibration to object detection
Daniel Martins / António Neves / Bruno Ribeiro / Bernardo Cunha / Armando Pinho
- 10h00 3D ball recognition
Adriano Costa / António Neves / Bernardo Cunha
- 10h15 Communications among robots and RTDB
Frederico Santos / Luís Almeida / Paulo Pedreiras / Luís Seabra Lopes
- 10h30 Coffee Break
- 10h45 Integration in 10 minutes
João Silva / Nuno Lau / João Rodrigues
- 11h00 Localization in the CAMBADA team
Nuno Lau / José Luis Azevedo
- 11h15 Predictive Control for Behavior Generation of Omni-Directional Robots
João Cunha / José Luis Azevedo / Bernardo Cunha
- 11h30 Strategy and coordination within CAMBADA
Gustavo Corrente / Ricardo Sequeira / Nuno Lau / Luís Seabra Lopes
- 11h45 Basestation application
Nuno Figueiredo / Artur Pereira / Nuno Lau
- 12h00 Simulation environment
Eurico Pedrosa / Artur Pereira / Nuno Lau