

FP6-001917

**EURON**

*European Robotics Network*

Network of Excellence  
Information Society Technologies

**DR.8.2**  
**Announcement of PhD Award Yr 2**

**Due date of deliverable:** 30/4/2006

**Actual submission date:** 10/5/2006

**Start date of project:** May 1st, 2004

**Duration:** 48 months

**Organisation name of lead contractor for this deliverable:**

UPC

**Revision:** V1

**Dissemination Level:** PU

## 5<sup>th</sup> Edition of the Georges Giralt PhD Award

*Presentation in the Awards Ceremony on 18, March 2006 in Palermo.*

The 5<sup>th</sup> edition of the Georges Giralt PhD Award was addressed to recognize the best Thesis presented in Europe during the year 2004 evaluating not only the Thesis itself but its relevance measured as their impact in publications, patents or its exploitation. In the awards ceremony the three best submitted Thesis were presented for nomination and among them the winner was selected. The three nominees are, in alphabetic order are:

Author: **Dejan Milutinovic**

Title: Stochastic Model of Micro-Agent Populations.

Advisor: Pedro Manuel Urbano de Almeida Lima,

Institution: Technical University of Lisbon, Portugal, 2004.

*The thesis consists in a study of multi agent dynamics and a proposal of interaction and propagation behaviors applicable to robotics (swarm) and biology (cells)  
The value of the Thesis is its strong mathematics basis and impact in both areas, robotics and biology*

Author: **Cristian Secchi**

Title: Control of Interactive Robotic Interfaces: a port-Hamiltonian Approach.

Advisor: Cesare Fantuzzi,

Institution: University of Modena and Reggio Emilia, Italy

*This Thesis is based on the use of the Port Hamiltonian formalism for the modelling and control of physical systems to build energy based controllers for haptic interfaces and telemanipulation*

Author: **MartijnWisse – Winner of the Award**

Title: Essentials of dynamic walking. Analysis and design of two-legged robots.

Advisors: Henk Stassen and F.C.T. van der Helm

Institution: Delft University of Technology, The Netherlands.

*The last nominee, and the **Winner of the Award** was selected as the winner for the innovative study of walking machines with a solid theoretical simulation, modelling and design.*

*The work has had great impact in publications in Journals*

The Award consists of a Diploma for the three nominees and a prize of 2500 € for the winner.

The winner is invited to publish the thesis in the Springer- STAR Series, while the two nominees are invited to submit their work for their potential publication in the same series.