European Network for the Advancement of
Artificial Cognitive Systems

Network Action Proposal

Title:	Modeling Cognitive and Biological Autonomy Meeting
Membership number(s)	126
Member name(s)	Alvaro Moreno
Member institute/company name(s)	IAS-Research, University of the Basque Country, Spain
Goals of the action	- To bring together a number of leading researchers in the fields or artificial life and artificial intelligence: Ezequiel Di Paolo, Barry McMullin, Takashi Ikegami, Anthony Chemero, ... - To explore current trends on simulation models of autonomous systems with special focus on its implications for cognitive systems - To evaluate modeling methodologies and current formalisms regarding the origin and development of autonomous systems - To define a future research agenda for autonomous systems research on various levels of implementations: from life to cognition - Peer reviewing and discussion of the BioSystems' Journal special issue on "Modeling Autonomy"
Principal activity to which it contributes o Community Outreach o Scientific Outlook o Education & Training	The Meeting will bring together outstanding researchers to empower existing research trends that focus on foundational issues in biological, cognitive and robotic disciplines. The action will contribute to advance on key issues regarding the significance of autonomy for cognitive and living systems in both theoretical and methodological aspects.
Concrete outcomes of the action (at least one of which should be material suitable for publication on the euCognition website)	2-3 day seminar on "Modeling Cognitive and Biological Autonomy" - Publication of a Special Issue of the Biosystems Journal (already accepted) on the topic of the meeting that - The copyright policy of the Journal permits an online publication that could be used for the euCognition website - In addition audio files and material for the presentations will be updloaded - A research agenda that integrates most of current challenges will also be published online open for comments and participation
Effort in person-days that will be charged to the Network Action (if any)	
Expected start and duration in months	Meeting will take place during the 21st, 22nd and 23rd March 2007. Online material will be available and open to commentaries from 1st February to 1st July.
The requested funding, under the following headings: o Travel Costs o Other Costs (check with the Network Coordinator if you aren't sure about eligibility of these costs) o Labour Costs (identify the number of person-days and the rate per day).	We are planning to cover around 50% of the expenses through other project fundings. (The number of people to pay for accommodation might increase to 12 in which case travel costs might be reduced) We request a **TOTAL AMOUNT OF 4.100€** to cover the following costs: **TRAVEL COSTS: 500€** (2 european trips * 250 = 500€) **ACCOMMODATION COSTS: 2100€** (for 10 people * 3 nights * 70€/night) **MEALS: 840€** (4meals * 14 people * 15€/meal=

	840€) • **OTHER COSTS: 660€** (Website design, maintenance and multimedia support for talks: video + audio recording)
Please identify any other sources of funding that contribute to this Action (actions to support events such as workshop and conferences should include an outline budget identifying the total cost)	The Department of Logic and Philosophy of Science will provide meeting facilities free of charge. The rest of the costs will be covered by different research project including: • HUM2005-02449/FISO Research Project from the Spanish Science and Technology Department: shall pay 500€ of travel expenses and the 600 € of catering service • The Templeton Foundation and the Marshal College in Lancaster (Pennsylvania, USA) will pay for one of the intercontinental trips (1000€) • ICEA Project IST-027819-IP will contribute to pay one of the invitied speakers. • Grant-in aid (No. 09640454) from the Ministry of Education,Science, Sports and Culture and from The 21st Century COE (Center of Excellence) program (Research Center for Integrated Science) of the Ministry of Education, Culture, Sports, Science, and the "ECAgent" sponsored by the Future and Emerging Technologies program of the European Community (IST-1940) will pay for two other international researcher's travel expenses • The ESIGNET project funded by the European Commission under the Sixth Framework Programme will pay for some travel expenses. All costs are estimates: **Travel costs:** • 7 people from Europe 7*250 1750€ • 4 people intercontinental trip 4*1000 4000€ **Accommodation and diets costs:** • 10 people per 3 nights each 70*10*3 2100€ • 14 people per 4 meals each 15*14*4 840€ **Other costs:** • Website design + maintenance + recording 650€ • Catering for coffee breaks 800€ **TOTAL COST:** **9300 €**