Network Action Proposal

Title:	FROM ANIMALS TO ANIMATS 9, The Ninth International Conference on the SIMULATION OF ADAPTIVE BEHAVIOR (SAB'06)
Membership number(s)	28
Member name(s)	Jean-Arcady Meyer
Member institute/company name(s)	AnimatLab, Université Pierre et Marie Curie – Paris6, CNRS
Goals of the action	The objective of the biennial SAB conference is to bring together researchers in computer science, artificial intelligence, alife, complex systems, robotics, neurosciences, ethology, evolutionary biology, and related fields so as to further our understanding of the behaviours and underlying mechanisms that allow natural and artificial animals to adapt and survive in uncertain environments.

Principal activity to which it contributes
   o   Community Outreach
   o   Scientific Outlook
   o   Education & Training
	The conference will focus on experiments with well-defined models - robot models, computer simulation models, mathematical models - designed to help characterize and compare various organizational principles or architectures underlying adaptive behavior in real animals and in synthetic agents, the animats.

Concrete outcomes of the action (at least one of which should be material suitable for publication on the euCognition website)	Adaptive behaviour research is distinguished by its focus on the modelling and creation of complete animal-like systems, which - however simple at the moment - may be one of the best routes to understanding intelligence in natural and artificial systems. The conference is part of a long series that started with the first SAB conference, which was held in Paris in September 1990. In 1992, the MIT Press introduced the quarterly journal Adaptive Behaviour now published by SAGE Publications. The establishment of the International Society for Adaptive Behaviour (ISAB) in 1995 further underlined the emergence of adaptive behaviour as a fully-fledged scientific discipline. The conference will produce proceedings that are a comprehensive and up-to-date resource of the latest progress in this exciting field. Articles will covers all main areas in animats research, including perception and motor control, action selection, motivation and emotion, internal models and representation, collective behaviour, language evolution, evolution and learning. The focus will be on well-defined models, computer simulations or robotic models, that help to characterize and compare various organizational principles, architectures, and adaptation processes capable of inducing adaptive behaviour in real animals or synthetic agents, the animats. These articles will provide stimulating reading material, with a good overview of the latest developments in this exciting field.
Effort in person-days that will be charged to the Network Action (if any)	A slot for an oral presentation of euCognition by a Network's officer will be reserved in the conference schedule.
Expected start and duration in months	June 2006 – October 2006

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).	A funding of 5000 Euros is requested as a contribution to invited speakers' costs. There are 5 such people, 2 from the US and 3 from Europe. This money would approximately cover half of the corresponding expenses and help balancing our overall budget.
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)	Outline budget: Call for Papers 1500 Final Program 1500 Posters (design and production) 4500 Posters (mailing) 1500 Invited speakers 10000 Conference rooms 3800 Conference equipment (rent) + signs 1500 Poster panels 1500 Conference kits 1500 Proceedings 9000 T-Shirts 1500 Banquet 18000 Coffee breaks 3800 Miscellaneous 3000 TOTAL 62.600 € Principal sources of funding: Industrial sponsors: 15.000 Academic support: 10.000 Estimated income from participant registration 33.000 €