Network Action Proposal

Title:	Workshop: "Dynamical Approaches to Development: Beyond the Metaphor", 9th and 10th September, an associated event of the European Conference of Artificial Life (ECAL 2007). http://www.ecal2007.org/assocdad/index.htm
Membership number(s)	205
Member name(s)	Rachel Wood
Member institute/company name(s)	CCNR/ University of Sussex
Goals of the action	General goal of the application: to support a workshop to be run at ECAL2007 (European Conference on Artificial Life 2007), fostering multidisciplinary interaction and future collaboration between researchers in developmental psychology, developmental robotics, psychobiology, theoretical biology and artificial life models of developmental systems. Specific goal of the application: to fund traveling and subsistence costs for speakers, namely those that will not attend the ECAL2007 conference. The workshop will bring together a group of invited speakers - all leading researchers in their fields - to present and discuss dynamical approaches to modeling and understanding the development of biological and artificial cognitive systems. Aims of the workshop include: Evaluation of current models and theories of development, including alternative perspectives to dynamical approaches to development, and their relevance to research on human development and developmental robotics. Assessment of the results of a decade of dynamical systems research into the development of cognitive function in biological and artificial agents. Provision of a forum for interaction in order to foster future collaborations between developmental psychologists, psychobiologists, roboticists and artificial life researchers that share similar theoretical motivations but do not systematically influence each other's research lines. Discussion of and proposals for the most relevant issues to be tackled in advancing the research on dynamical approaches to development in artificial and biological cognizers. These can be used as the starting point of a new research agenda.

Principal activity to which it contributes
   o   Community Outreach
   o   Scientific Outlook
   o   Education & Training
	Scientific outlook: thematic workshop organization.

Concrete outcomes of the action (at least one of which should be material suitable for publication on the euCognition website)	A two-day workshop on "Dynamical Approaches to Development". The program includes 18 participants, with confirmed speakers/commentators: Linda Smith - University of Indiana, US Ezequiel Di Paolo - University of Sussex, UK Gregor Schner - Ruhr-Universität Bochum, Germany Randall Beer - University of Indiana, US Luc Berthouze - University of Sussex, UK Janet Wiles - University of Queensland, Australia Aarre Laakso - Indiana University, US Rui Oliveira, ISPA, Portugal Adam Sheya, - Indiana University, US Armando Machado, - University of Minho, Portugal Celia Moore - University of Massachusetts, US Eduardo Izquerdo-Torres, - University of Sussex, UK Estela Bicho - University of Minho, Portugal Wolfram Erlhagen - University of Minho, Portugal Josh Bongard - University of Vermont, US Jun Tani - Rikken Brain Science Institute, Japan Rachel Wood - University of Sussex, UK Rebecca Gomez – Unversity of Arizona, US A website with the proceedings of the workshop will be constructed and maintained online for two years after the workshop's conclusion. Copies of the outputs from the workshop i.e proceedings, presentations, research agenda will be made available for download from the euCognition website, in addition video recordings of the workshop (i.e. speaker presentations, panel discussions and small group work), will be also be made available via the euCognition website. A Cognition Briefing on the workshop themes will be made available via the euCognition Wiki
Effort in person-days that will be charged to the Network Action (if any)	None
Expected start and duration in months	9th -10th September 2007 (2 days)
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).	**For your information only**, here is a breakdown of the **maximum** anticipated costing for the workshop. Full funding with 23 invited participants (speakers and commentators): Room Hire: 2,626€ Meals: 4,241€ Travel: 10,640€ Hotels: 10,350€ **Total:** **27,857€** This is a maximum budget to fund all participants. The full cost may be reduced by approximately 15% when we remove the travel costs of participants already attending ECAL07. Thus, from euCognition we request funding to pay: Travel costs = 2,377€ Hotel costs = 2,655€ This would fund the attendance of the following participants that, typically, would not attend a conference such as

	ECAL2007: Linda Smith - Indiana University, US Gregor Schoner - Ruhr-Universität-Bochum, Germany Celia Moore - University of Massachusetts, USA Rebecca Gomez - University of Arizona, USA Adam Sheya - Indiana University, US Estella Bicho - University of Minho, Portugal Wolfram Erlhagen - University of Minho, Portugal And the additional costs of participants who are also key-note speakers at ECAL (i.e. subsistence expenses related to their participation in the workshop which will not be covered by the main conference): Janet Wiles - University of Queensland, Australia Randall Beer - Indiana University, US Ezequiel Di Paolo - University of Sussex, UK The balance of the funds requested will be put toward the cost of hiring the venue for the workshop, technical support (i.e vídeo recordings of talks) and incidentals. Total funding requested from euCognition = 7,452€
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 Centre for Computational Neuroscience and Robotics (CCNR) at the University of Sussex will provide 1,500€ The University of Sussex will provide 750€. The Cognitive Development Lab at Indiana University will provide 2,200€ and the Cognitive Science program at Indiana University will provide 750€.