

Network Action Proposal

Title:	Visit of Michail Maniadakis at the SCAI Lab, Skövde
Membership number(s)	4
Member name(s)	Tom Ziemke
Member institute/company name(s)	University of Skövde
Goals of the action	The goal of the action is to enable a two-months visit of Michail Maniadakis (http://www.ics.forth.gr/~mmaniada/), FORTH-ICS, University of Crete, at the SCAI Lab, University of Skövde, Sweden. The focus of the visit will be to establish collaboration on the use of co-evolutionary methods in cognitive modeling/robotics. Maniadakis has during his PhD studies developed a method for robotic brain/cognitive modeling through hierarchical cooperative co-evolution. Parts of the work in the ICEA Cognitive Systems IP (coordinated by Ziemke), as well as other work in the SCAI Lab (e.g. on robotic delayed response tasks), are very relevant to Maniadakis' research, and vice versa, so the goal of the visit is to establish collaboration and lay the foundation for future, more formal cooperation, e.g. in FP7 Cognitive Systems projects.
Principal activity to which it contributes <ul style="list-style-type: none"> ○ Community Outreach ○ Scientific Outlook ○ Education & Training 	Community Outreach (Maniadakis is not already part of an EU Cognitive Systems consortium; his supervisor Panis Trahanias is part of the GNOSYS consortium though.)
Concrete outcomes of the action (at least one of which should be material suitable for publication on the euCognition website)	The action/visit will result in: <ul style="list-style-type: none"> • useful international experience for Maniadakis, who is about to finish his PhD studies • establishing connections between the SCAI Lab, Skövde, and Maniadakis/FORTH-ICS, Crete, who have no collaboration at this point • at least one <u>state-of-the-art-survey/position paper on the use of co-evolutionary methods in cognitive modeling/robotics</u> which will be submitted for journal/conference publication and can also be published at the euCognition website
Effort in person-days that will be charged to the Network Action (if any)	n/a
Expected start and duration in months	End of June to end of August (start: June 20, if possible).
The requested funding, under the following headings: <ul style="list-style-type: none"> ○ Travel Costs ○ Other Costs (check with the Network Coordinator if you aren't sure about eligibility of these costs) ○ Labour Costs (identify the number of person-days and the rate per day). 	Travel costs (flights, trains, etc.): <u>500 Euros</u> Contribution to subsistence and accommodation (according to http://www.eucognition.org/exchanges.htm , corresponding to two months, 62 days): 5400 Euros <u>Total: 5900 Euros</u>

<p>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)</p>	<p>None. (The costs cannot be covered by the ICEA contract since co-evolution is not an issue addressed in the project, and the work/visit cannot be expected to directly contribute to the project.)</p>
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