

Information day on Cognitive Systems

June 20, 2003

Glesener Room, Wagner Building

Rue A. Wehrer

Kirchberg, Luxembourg

Context:

The second call for proposals under the Information Society Technologies (IST) priority of the European Commission's 6th Framework Programme on research and technological development will be published on June 17, 2003 - the closing date is October 15, 2003. The second call invites proposals addressing *cognitive systems*.

In the context of this call, *cognitive systems* refer to artificial systems that combine perception, action, reasoning and learning and that derive inspiration from biological intelligence. The IST 2003-2004 workprogramme¹ outlines the objectives and focus of this research topic.

Aim:

The aim of the information day is to present to the research community what the Commission wishes to see achieved in this domain. The current focus is not on applications development, but rather on the provision of enabling technologies for robotics and automation, human-machine interaction, natural language understanding and complex systems. The emphasis is on system level behaviour rather than performance of individual components and methods.

One of our objectives is to promote a merging of insights from a number of disciplines including computer vision, artificial intelligence, robotics, speech and natural language as well as the cognitive sciences to advance the state-of-the-art in the construction of *cognitive systems*. The information day should also provide a forum for researchers from these various domains to exchange ideas and bring them together in proposals.

Agenda:

10:30 - 11:30 Cognitive Systems- Scope and Objectives - Colette Maloney, EC

11:30 - 12:30 Q & A - all

12:30 - 14:00 lunch

*14:00 - 15:30 slide presentations

15:30 - 16:00 wrap-up

¹ http://www.cordis.lu/ist/workprogramme/fp6_workprogramme.htm English version p.24

Background:

The present call is intended to build upon research initiated under the previous Framework Programme (5th) in *cognitive vision systems*. The website of the ECVision research network, <http://www.ecvision.info>, provides a useful overview of the type of research activities funded and the underlying motivation.

Practical issues:

Registration - due to limited space, participants are asked to register in advance by sending the attached form to Nadia Vertommen at Nadia.Vertommen@cec.eu.int. Registration will be confirmed on a first-come, first-served basis. For the same reason we ask that organisations restrict their participation to one representative wherever possible.

***Slide presentations** - proposers may present their proposal abstract and consortium. Due to limited time, presentations should not exceed 3 slides and should be sent in advance to Nadia Vertommen. The same applies to proposers looking for additional partners. The research domain/discipline(s) of the partner(s) sought should be identifiable from the slides.

Transportation - There is a **Luxair shuttle bus** from the Airport to the Wagner Building (Kirchberg / EU Institutions stop). The timetable is available from <http://www.luxair.lu/pdf/luxairbus.pdf>.



REGISTRATION FORM

Prof./Dr./Mr./Mrs. : _____
First Name : _____
Last Name : _____

Mailing Address:

Organisation : _____
Street, No : _____
Zip - Area Code : _____
Country/City : _____
Phone : _____
Fax : _____
E-Mail : _____

YES, I'm interested to attend

NO, I am not able to attend. Please keep me informed.

YES, I will present max. 3 transparencies

NO, I will not give a presentation

INFORMATION DAY
"Cognitive Systems"
20th June, 2003

Signature _____

Date _____

Please send your application form by return fax/e-mail to :
Fax : 0032-2-296 23 92
or E-mail: Nadia.Vertommen@cec