euCognition

The European Network for the Advancement of Artificial Cognitive Systems

First Six-Monthly Meeting

NH Vienna Airport Hotel
3rd July 2006

Getting Around in the World:
Does all Navigation require Cognition?

www.euCognition.org

09:30   Registration

09:50   David Vernon: *Welcome*

10:00   **Robert Sutherland, Canadian Center for Behavioural Neuroscience, The University of Lethbridge**

http://ccbn.uleth.ca/people/primary/sutherland.php

Contrasting associative and cognitive bases for navigation

10:45   **Sidney Wiener, Collège de France**

http://www.lppa.college-de-france.fr/equipes/people/Wiener/index.htm

Neural activity underlying spatial cognition: Inspiration for robot control architecture

11:30   *Coffee*

11:45   **Hanspeter Mallot, University of Tubingen**

http://www.uni-tuebingen.de/cog/staff/ham/hpmallot.htm

Insect strategies in human and robot navigation

12:30   *Lunch*

13:30 **Jean-Arcady Meyer, AnimatLab, Laboratoire d'Informatique de Paris 6**

http://animatlab.lip6.fr/MeyerAccueilEn

Navigation in animats: From reflexes, to cognitive maps, and to planning; From evolution, to development, and to learning

14:15 **Ulrich Nehmzow, Department of Computer Science, University of Essex**

http://cswww.essex.ac.uk/staff/udfn/

Self-Localization and Route Learning in Mobile Robots through System Identification

15:00 **Paul Verschure, ETH Zurich**

http://www.ini.unizh.ch/public/person.php?uname=pfmjv

Real-world architectures of perception, cognition and behavior

15:45 Panel and Audience Discussion

17:00 Poster Session and Wine Reception

Membership

- 116 Full Members

- 5 Student Members

- 57 members NOT formally associated with CogSys projects

- List to be posted on the website soon …

DVD Video of Inaugural Meeting

http://www.eucognition.org/inaugural.htm

Network Actions

📁 002-1 Cummins Student Support Inaugural Meeting

📁 004-1 Ziemke Student Visit

📁 010-1 Jost Workshop on Information Theory, Neurobiology and Cognition

📁 017-1 Sloman AISB 06

📁 028-1 Meyer SAB 06 (Simulation of Adaptive Behaviour)

📁 044-1 Bryson Student Exchange

📁 047-1 Metta Summer School on Humanoid Robotics

📁 050-1 Gomila Workshop on Embodying Cognition

📁 068-1 Fisher CVOnline

📁 068-2 Fisher Scanned Books

📁 092-1 Wiedermann Czech Slovak Conference

📁 097-1 Cangelosi Belpaeme External Symbol Grounding Workshop

📁 108-1 Angulo Staff Visit

Website Statistics

http://www.eucognition.org/website_statistics.htm

eucognition.org Web Site Report

1st July 2006

The Request Report identifies the most popular web pages on the site and how often they were accessed.

This report shows results with at least 100 requests. This report is sorted by number of requests.
Requests for images (jpg, gif, etc) and Javascript files have been removed.

Page	Number of requests
/Elizabeth_Spelke.pdf	2093
/inaugural.htm	1507
/Scott_Kelso.pdf	1357
/inaugural_programme.pdf	967
/inaugural_presentation.pdf	714
/euCognition_Annex_I.pdf	521
/index.htm	504
/Jiri_Wiedermann.pdf	436
/news.htm	424
/six_monthly_meeting_1.htm	399

Member Contributions

Research Roadmap

- Founded on applications & science

  - Collection of scenarios

  - Analyse scenarios, distill commonalities

  - Identify research issues, problems, challenges

- Bill Sharpe, Patrick Courtney, Pia Böttcher

  - bill@appliancestudio.com

  - Patrick.courtney@perkinelmer.com

  - Pia.boettcher@gmx.de

Member Contributions

Next Meeting

- 11-12 January 2007

- Cannes (Novotel … to be confirmed)

- Day 1
    - Student Competition – research presentations
    - Meeting Dinner and announcement of winner

- Day 2
    - Topical discussion / presentations (to be decided)
    - Presentation by winning student

Thanks!

Markus Vincze and Nina Pohler for local organization

Thanks!

To all our Guest Speakers …