Sixth and Final Six-Monthly Meeting

Information Dissemination

Frankfurt Airport Conference Centre
Friday 11th February 2005

Part I – Goals and Achievements

10:30	Welcome & Overview of the ECVision Network	(DV)
11:00	Research Planning & Research Roadmap	(JC)
11:30	Education and Training	(BF/WF)
12:00	Information Dissemination	(HB/DV)
12:30	Industrial Liaison	(PC/MT)

Part II – Follow-on Activities

14:00	Discussion: Lessons Learned & Work Remaining	(All)
15:00	eCognition: A Proposal for a Coordination Action for Cognitive Systems	(DV)
16:00	Open Forum: Questions, Answers, and Future Plans	(HB/DV)
17:00	Close of meeting	(DV)

Deliverables

Information Dissemination
TA3.1.n Electronic newsletter, published quarterly; n = 3, 6, …, 36

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ECVision News Digest


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February 2005
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CVonline

Some vision books are now online
More details at <http://www.ecvision.org/news/News.htm#7F2Cs>


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Overview Software Frameworks for Use in Cognitive Vision Approaches

The report is now available.
More details at <http://www.ecvision.org/news/News.htm#2F2OSFfUiCVAz>


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January 2005
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Final ECVision Meeting
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http://www.ecvision.org/information/news/News.htm

Information Dissemination
TA3.2.n Database of existing relevant publications; n = 6, 12, …, 36

- Merged with TA3.3.n (indexed and annotated bibliography).

- This deliverable accounts for the indexing and dissemination via the website; 3.2 accounts for the creation of the source material.

Information Dissemination
TA3.3.n Annotated bibliography of literature; n = 6, 12, …, 36

- A considerable amount of work has been done on this deliverable as part of Specific Action 8-1.

- An initial database of approx 485 citation has been assembled, indexed, and annotated.

- A website generation utility has also been developed
  (input: Bibtex file; output: indexed annotated bibliography in HTML)

- http://www.ecvision.org/bibliography/Indexed_and_Annotated_Bibliography.htm

Annotated Bibliography
(485 entries and counting)

EC VISION — **European Research Network for Cognitive Computer Vision Systems**

| Information | About ECVision | Members | News | Contacts | Research Planning | Education and Training | Industrial Liaison | Home |

Current page: **Information->Indexed and Annotated Bibliography**

ECVision indexed and annotated bibliography of cognitive computer vision publications
This bibliography was created by Hilary Buxton as part of ECVision Specific Action 8-1
The complete text version of this BibTeX file is available here: ECVision_bibliography.bib

ALTERNATIVE INDEX

Case Studies
   Bakstein2001 Bishop00a Koffka35a Nakayama90a riesenhuber00
   Hjelmas01 Gerstner:95 Maes:96 Granlund99 Edelman2002
   Nagel2003 CaelliBishof1996
Emerging Topics
   Vision and Language Fusion
      Roy1999 Nagel2001 Duygulu02 Gerber-Nagel:96 Turk:96
      Wachsmuth2002-BNF Nogawa1997 Edelman1994 SocherSagerer2000 Christmas2003
Knowledge Representation
   Content
      Activities/Behaviours/Processes/Dynamics
         Arens2002a Bobick-Wilson:95
      Classes/Categories
         Edelman1999
      Contexts/Scenes/Situations
         Chun98a
      Objects/Parts
         buelthoff5
      Parameters
         Finlayson1998
      Task Control
         YeTsotsos2001
   Issues
      Indexing
         Bremond:98
      Storage

Information Dissemination
TA3.4.n Database of research results; n = 12, 24, …, 36

•   A distinct repository of research results has not been created.

•   Instead, the website is being used as an access point for these resources, with links now being directly embedded in the menu structure.

•   http://www.ecvision.org

Information Dissemination
TA3.5.n Periodic distribution of web-site content on CD; n = 12, 24, 36

- Cancelled

- Since much of the material referenced from the website is hosted by other sites, it was agreed that an off-line resource such as this had less value than originally anticipated and, consequently, it was decided to drop this deliverable

Information Dissemination

TA3.6.n   Special sessions at conferences; n = 12, 24, **36**

- ICVS 2003 was devoted to the topic of cognitive vision and is being funded by ECVision (Specific Action 13-1).

- ECCV now has a specific section for cognitive vision (Cognitive and Biologically-Inspired Vision).

- http://dib.joanneum.at/ICVS03/

- http://www.eccv.net

Information Dissemination
TA3.7.n Sponsorship of best paper prizes in cognitive vision; n = 12, 24, 36

- Three prizes have been awarded to date
  - ECCV '02,
  - ECCV '04
  - ICVS '03

- http://link.springer.de/link/service/series/0558/bibs/2353/23530097.htm

Information Dissemination
TA3.8.n Thematic workshops; n = 12, 24, 36

- Several research roadmap meetings were organized:
  - Research Roadmap Workshop, Paris
  - February 13th, 2003: Research Roadmap Workshop, Amsterdam
  - October 26th-31st, 2003: Dagstuhl workshop on cognitive vision
  - January 12th, 2004: Cognitive Vision Colloquium, Prague
  - March 26th, 2004: Six-monthly meeting dedicated to the research roadmap
  - May 28th, 2004: Research Roadmap Workshop
  - September 24th, 2004: Six-monthly meeting dedicated to the research roadmap

- Several other thematic workshops were held:
  - Cognitive Vision Workshop, Zurich, 2002.
  - Cognitive Computer Vision Colloquium, Prague, January 2004.
  - CVPR 2004 Workshop on Generic Object Recognition and Categorization.
    ECCV 2004 Workshop on Statistical Learning for Computer Vision
    ECCV 2003 & 2004 Workshops on Attention and Performance in Computer Vision –
    WAPCV 2003 & WAPCV 2004
  - IST 2004 Networking Sessions (437 & 438)

Information Dissemination
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    ECCV 2004 Workshop on Statistical Learning for Computer Vision
    ECCV 2003 & 2004 Workshops on Attention and Performance in Computer Vision – WAPCV 2003 & WAPCV 2004
  - IST 2004 Networking Sessions (437 & 438)
- Links
  - http://www.vision.ethz.ch/cogvis02/
    http://www.vision.ethz.ch/cvpr04-gorc/
    http://slcv.icg.tu-graz.ac.at/
  - http://dib.joanneum.at/wapcv2003/
    http://dib.joanneum.at/wapcv2004
  - http://cmp.felk.cvut.cz/cmp/events/colloquium-12-Jan-04/
  - http://www.ecvision.org/research_planning/SA_39-1_Cognitive_Vision_Colloquium.htm
    http://europa.eu.int/information_society/istevent/2004/cf/vieweventdetail.cfm?ses_id=437&eventType=networking)
  - http://europa.eu.int/information_society/istevent/2004/cf/vieweventdetail.cfm?ses_id=420&eventType=networking)

Information Dissemination
TA3.9.n Special issues in journals; n = 12, 24, 36

- Five special issues are planned (or have been produced)

  - IVC – Understanding visual behaviour 2002
  - IVC – Generative model-based vision 2003
  - IVC – Cognitive computer vision systems 2005
  - AI Magazine special issue on cognitive systems 2004

  - KI (KI-Zeitschrift Künstliche Intelligenz) Magazine special issue on cognitive vision 2005

- http://www.aaai.org/Library/Magazine/Vol25/25-02/vol25-02.html

- http://www.kuenstliche-intelligenz.de/

Information Dissemination
TA3.10.n Focussed review papers in journals; n = 12, 24, 36

- Two review papers have been written:
  - CVIU in 2004
  - IVC in 2003

- One article for general readership has been written for the Cordis magazine
  - Cognitive Vision – The Development of a Discipline
  - http://www.ecvision.org/about_ecvision/Cognitive_Vision.pdf.

ECVISION

European Research Network for Cognitive Computer Vision Systems

Current page: **Home**

Quote-Unquote

"Intelligence is concerned with that faculty of mind by which order is perceived in a situation previously considered disordered"
H. A. Fatmi and R. W. Wong
Nature, 220, 1970.

Enquiries

Name

Email

Text of Enquiry

Submit Enquiry   Reset

Announcements

CVonline
Some vision books are now online
[7 February 2005]

▶ MORE DETAILS

Overview Software Frameworks for Use in Cognitive Vision Approaches
The report is now available.
[2 February 2005]

▶ MORE DETAILS

Final ECVision Meeting
The sixth and final six-monthly meeting of ECVision will be held on the 11th February 2005.
[25 January 2005]

▶ MORE DETAILS

Cognitive Vision System wins BCS Prize
The BCS Machine Intelligence Prize 2004 was won by a cognitive vision system developed in the School of Computing at the University of Leeds.
[25 January 2005]

▶ MORE DETAILS

New Cognitive Systems Call
Cognitive Systems is one of the Strategic Objectives of IST Call 4,
[28 November 2004]

▶ MORE DETAILS

ECVision Network

ECVision is a research network which was formed to promote research, education, and application systems engineering in cognitive computer vision.
ECVision is funded by the European Commission under the IST Programme (Project 35454).

ECVision has four main activities:

- Research Planning
- Education and Training
- Information Dissemination
- Industrial Liaison

Cognitive Vision