



Sixth and Final Six-Monthly Meeting

Information Dissemination

Frankfurt Airport Conference Centre Friday 11th February 2005









Part I – Goals and Achievements

10:30 11:00 11:30 12:00 12:30	Welcome & Overview of the ECVision Network Research Planning & Research Roadmap Education and Training Information Dissemination Industrial Liaison	(DV) (JC) (BF/WF) (HB/DV) (PC/MT)
Part II – Follow-on Activities		
14:00 15:00	Discussion: Lessons Learned & Work Remaining eCognition: A Proposal for a Coordination Action	(All)
	for Cognitive Systems	(DV)
16:00 17:00	Open Forum: Questions, Answers, and Future Plans Close of meeting	(HB/DV) (DV)





European Research Network for Cognitive Computer Vision Systems



Deliverables

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European Research Network for Cognitive Computer Vision Systems



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

ECVision News Digest

February 2005

CVonline

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

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>

January 2005

Final ECVision Meeting

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)
- <u>http://www.ecvision.org/bibliography/Indexed_and_Annotated_Bibliography.htm</u>



Annotated Bibliography (485 entries and counting)

CVISION 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 <u>Hilary Buxton</u> as part of ECVision Specific Action <u>8-1</u> The complete text version of this BibTeX file is available here: <u>ECVision bibliography.bib</u>

ALTERNATIVE INDEX

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Case Studies
   Bakstein2001 Bishop00a Koffka35a Nakayama90a riesenhuber00
   Hjelmas01 Gerstner:95 Maes:96 Granlund99 Edelman2002
   Nagel2003 CaelliBishof1996
Energing 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
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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.
- <u>http://www.ecvision.org</u>







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







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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).
- <u>http://dib.joanneum.at/ICVS03/</u>
- <u>http://www.eccv.net</u>







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

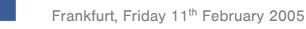






Information Dissemination TA3.8.n Thematic workshops; n = 12, 24, 36

- 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)







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 - IST 2004 Networking Sessions (437 & 438)
- Links
 - <u>http://www.vision.ethz.ch/cogvis02/</u>
 <u>http://www.vision.ethz.ch/cvpr04-gorc/</u>
 <u>http://slcv.icg.tu-graz.ac.at/</u>
 - <u>http://dib.joanneum.at/wapcv2003/</u>
 <u>http://dib.joanneum.at/wapcv2004</u>
 - <u>http://cmp.felk.cvut.cz/cmp/events/colloquium-12-Jan-04/</u>
 - <u>http://www.ecvision.org/research_planning/SA_39-1_Cognitive_Vision_Colloquium.htm</u>
 <u>http://europa.eu.int/information_society/istevent/2004/cf/vieweventdetail.cfm?ses_id=437&event</u>
 <u>Type=networking</u>)
 - <u>http://europa.eu.int/information_society/istevent/2004/cf/vieweventdetail.cfm?ses_id=420&event</u> Type=networking)

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CogSys Cognitive Systems





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
- <u>http://www.aaai.org/Library/Magazine/Vol25/25-02/vol25-02.html</u>
- <u>http://www.kuenstliche-intelligenz.de/</u>



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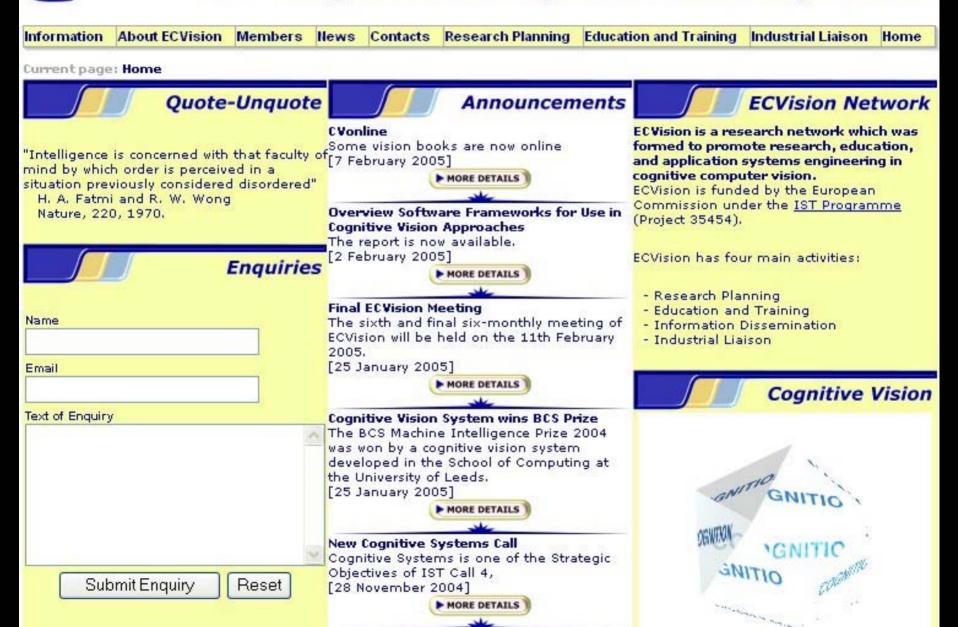


Information Dissemination TA3.10.n Focussed review papers in journals; n = 12, 24, 36

- 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.



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