



**The 5th COGAIN Annual Conference on
Communication by Gaze Interaction**

**COGAIN2009:
Gaze Interaction For Those Who Want It Most**

26 May 2009

**The Technical University of Denmark (DTU), Denmark
In connection with the Visionday event (www.visionday.dk)**

The 5th international COGAIN conference on eye gaze interaction emphasises user needs and future applications of eye tracking technology. Robust gaze interaction methods have been available for some years, with substantial amounts of applications to support communication, learning and entertainment already being used. However, there are still some uncertainties about this new technology among communication specialists and funding institutions. The 5th COGAIN conference will focus on spreading the experiences of people using gaze interaction in their daily life to potential users and specialists who have yet to benefit from it. Case studies from researchers and manufacturers working on new ways of making gaze interaction available for all, as well as integrating eye gaze with other forms of communication technology are also particularly welcome. We also encourage papers and posters which reach beyond the special case of eye control for people with disabilities into mainstream human-computer interaction development, for instance using eye tracking technology to enhance gaming experience and strategic play.

Now in its 5th year, COGAIN (COmmunication by GAze INteraction) is a European Union funded research Network of Excellence, which comprises 25 universities, manufacturers and end-user organizations from across the European Union together with partners from across the globe. More information about the COGAIN network can be found at <http://www.cogain.org>. The 5th COGAIN conference will be hosted by the newly formed COGAIN Association (<http://www.cogain.org/association>) and marks an important step towards making COGAIN a sustainable, independent organisation. This year we have chosen to collaborate with the Danish "Visiondays" (<http://www.visionday.dk>) where the COGAIN conference will act as a "forth Visionday".

Call for Papers

The conference committee invites the submission of short papers particularly in the following areas, although submissions in any area related to gaze-based interaction will be considered.

- Gaze-based access to computer applications
- Gaze and environmental control
- Gaze and personal mobility control
- User experience studies
- Innovations in eyetracking systems

- Low cost gaze tracking systems
- Attentive interfaces and inferring user intent from gaze
- Gaze-based interaction with virtual worlds
- Gaze and creativity
- Gaming using gaze as an input modality
- Gaze interaction with wearable displays
- Using gaze with other modalities including BCI

Papers which deal with the use of eye gaze to study the usability of mainstream applications and websites are not normally considered for inclusion in the conference.

Important Dates:

Submission of Short Papers and posters:	28 February 2009
Notification of acceptance of Short Papers:	15 April 2009
Camera ready copies of papers:	30 April 2009
COGAIN Conference and exhibition:	26 May 2009

Submission of papers and posters:

COGAIN 2009 invites short papers and posters. We also invite industry to exhibit their systems. Full submission details can be found on the COGAIN website at <http://www.cogain.org/cogain2009>

Authors are requested to email their paper to the conference chair:
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For more information, see <http://www.cogain.org/cogain2009>

We hope to see you in Denmark!

Conference Co-Chairs
John Paulin Hansen (IT University of Copenhagen)
Arantxa Villanueva (Public University of Navarre)

