

Job Offers: Two PhD Students and One Post-doctoral Fellow

The computer vision and statistics groups at INRIA Rhône-Alpes, Montbonnot (near Grenoble) France, seeks three strong young researchers: two PhD candidates and one post-doctoral fellow.

- The first PhD student will work in the area of computer vision, more precisely she (he) will address the problems of fusing depth (a dense disparity map) and monocular cues (interest points which are invariant to color and illumination) and of building higher level scene descriptions through the use of graph theory and of probability theory.
- The second PhD student will work in the area of statistics applied to the problem of integration of visual and auditory cues and how these two sensorial modalities influence each other. Bayesian theory and hidden Markov models in particular will be combined with efficient optimization techniques in order to confront physical inputs and prior knowledge.
- The post-doctoral fellow will work in the area of computational modelling of biological vision and will attempt to model the interactions between top-down attentional processes and low-level visual processes.

The PhD researchers will have a 3-year contract with INRIA. The post-doctoral fellow will have a 2-year contract. All three researchers will carry out their work within an European project which starts on January 1, 2006 for a duration of 3 years. The project is sponsored by the European Commission through the “Cognitive systems” objective of the FP6/IST programme. Other project partners include the University of Sheffield, UK (the speech and hearing group), the University of Coimbra, Portugal (the active vision and robotics group), the University of Osnabruck, and the University of Hamburg, Germany (the neurophysiology group and the cognitive neuroscience group)

CV's should be addressed no later than December 15, 2005 to:

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