

PARTICIPANT FORM for the SUMMER SCHOOL
Constructivism and Enaction
A new paradigm for Cognitive Science

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I. - SITUATION

Status : University teacher Research scientist Thesis student Post-doc Other :

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Special information(s) (article, scientific responsibility, participation to research projects, other...):

Communications scientifiques :

Ferrier, L., Staudt, A., & Jimenez, M. (soumis). *De l'influence de la taille typique des objets dans une tâche de catégorisation.*

Ferrier, L. & Jimenez, M. (2005). *Subliminal priming effect and sensory intermodality.* Poster presented at the 9th European Congress of Psychology, Granada, Spain, July 3-8

II. - RESEARCH THEME

Our work is based on connexionist and multimodal hypothesis of cognition (Barsalou, 2005; Engelkamp, 1994, 1998; Reynaud, 2002; Spence, 2006). Contrary to traditional studies about human's sensory systems, we investigate the sensory modalities in an interactive perspective. Recent studies have revealed that the sensory systems are in permanent interaction to facilitate human's adaptation to his environment. We are interested in cross modalities effects on human's behaviour and more specifically on human's attention. Our main goal is to examine cross modalities effects on human's attention. We consider attention as the first step to any perception and memory phenomenon. In our studies, we manipulated Posner's paradigm (Posner 1980) in an inter modalities attentional task (i.e., visual and auditory). Our first results give evidence to the multimodal conception of human's attention.

- *Crossmodalities effects – Crossmodality attention - Multimodal cognition -*

