



UNIVERSITE CATHOLIQUE DE LOUVAIN
Faculté de Psychologie et des Sciences de l'éducation
Unité Cognition & Développement

**DECOURS TEMPOREL DE LA PERCEPTION VISUELLE DES VISAGES : DE LA
CATEGORISATION FACIALE A L'ENCODAGE D'UNE REPRESENTATION
INDIVIDUELLE**

Corentin Jacques

Thèse présentée en vue de l'obtention du grade de Docteur en Sciences Psychologiques

Promoteurs: Professeur Bruno Rossion
Professeur Marc Crommelinck

Décembre 2007

Bibliographie

- Goffaux, V., Jemel, B., Jacques, C., Rossion, B., Schyns, P.G. (2003). ERP evidence for task modulations on face perceptual processing at different spatial scales. *Cognitive Science*, 27, 313-325.
- Goffaux, V., Jacques, C., Mouraux, A., Oliva, A., Schyns, P.G., Rossion, B. (2005). Diagnostic Colors Contribute to the Early Stages of Scenes Categorization: Behavioral and Neurophysiological Evidence. *Visual Cognition*, 12, 878-892.
- Jacques, C., Rossion, B. (2004). Concurrent processing reveals competition between visual representations of faces. *Neuroreport*, 15, 2417-2421.
- Jacques, C., Rossion, B. (2006a). The time course of visual competition to the presentation of centrally fixated faces. *J Vision*, 6, 154-162.
- Jacques, C., Rossion, B. (2006b). The speed of individual face categorization. *Psychol Sci*, 17, 485-492.
- Jacques, C., Rossion, B. (2007a). Electrophysiological evidence for temporal dissociation between spatial attention and sensory competition during human face processing. *Cereb Cortex*, 17, 1055-1065.
- Jacques, C., Rossion, B. (2007b). Early electrophysiological responses to multiple face orientations correlate with individual discrimination performance in humans. *Neuroimage*, 36, 863-876.
- Jacques, C., d'Arripe, O., Rossion, B. (2007). The time course of the inversion effect during individual face discrimination. *J Vision*, 7(8):3, 1-9.
- Bentin, S., Taylor, M. J., Rousselet, G. A., Itier, R. J., Caldara, R., Schyns, P. G., Jacques, C., Rossion, B. (2007). Much ado about nothing: controlling for interstimulus perceptual variance does not abolish N170 face sensitivity. *Nat Neurosci*, 10, 801-802.
- Rossion, B., Jacques, C. (in press). Does physical interstimulus variance account for early electrophysiological face preferential responses in the human brain? Ten lessons on the N170. *Neuroimage*