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- Friday, November 4, 2005

Visual coordinates for reach planning in human parietal cortex.

Converging lines of evidence suggest that parietal cortex plans the early aspects of arm motion in gaze-centered (visual) coordinates. Crawford will present fMRI data showing that parietal reach plans are associated with visual goal (not movement) direction, and are updated when the eyes move. He will also show how this gaze-centered updating process is differentially disrupted in optic ataxia patients with bilateral and unilateral parietal damage.

Doug Crawford  
York University