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- Saturday, September 10, 2011
Mental Imagery in Visual and Vestibular Perception

I will present the outcome of several experiments on mental imagery that we have recently carried out in my lab. We could demonstrate that we can perceptually learn via mental imagery (perceptual learning without perceptual input), and that eye movements are involved when we generate visual mental images. Mental imagery is not only involved in the visual domain, but also during mental body transformations. I will present results from several psychophysical experiments that suggest shared mechanisms between higher-level processing of vestibular information and imagined body transformations, including studies with vestibular patients.

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