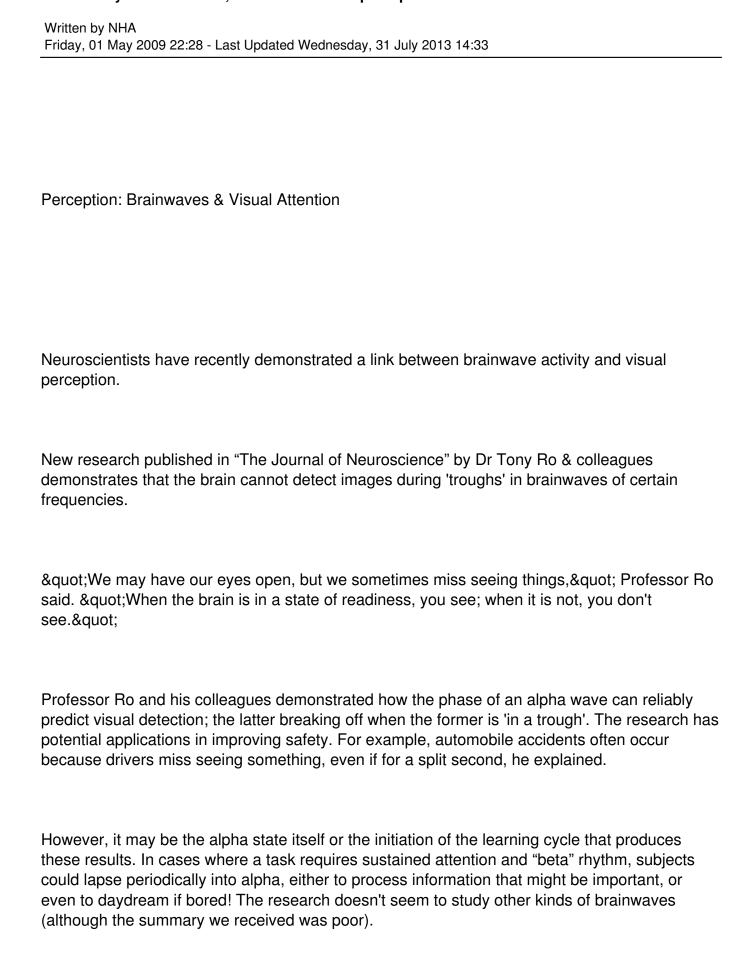
Anat & Phys - Brainwaves, visual attention & perception



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It also makes sense that when we start to pay sustained attention, the learning cycle will slip from observation into modeling. Visual attention will be "inner" for short periods and outer again only to check accuracy. During those 'inner' seconds, there will be no awareness of external visuals unless there is an attention-grabbing change, which as far as we can tell this study didn't provide. But if this is the true interpretation it is fascinating -because we have never seen that particular processing fragment up close and personal before. So Prof, Ro may have discovered something most people in the mainstream don't understand yet, possibly including him!

We would need data from all brainwave patterns to ascertain this: does this 'on/off', 'inner/outer' visual attention phenomenon happen with all types of wave? I would guess that it probably doesn't, but only with two types (probably alpha & beta, possibly alpha & gamma).

Why? Because I suspect one will occur when we are doing the "cut" process of modeling and the other will occur when we're doing the "paste" half. (note this is only an hypothesis, not a fact -ed.)

Professor Ro said future research will investigate what occurs when images are flashed by a strobe light at intervals to match these brainwave frequencies, so they may be about to catch up with the rest of us and rediscover neurofeedback:

Sources

City College of New York, April 2nd, 2009 in Medicine & Health / Neuroscience http://www.physorg.com/news157898608.html