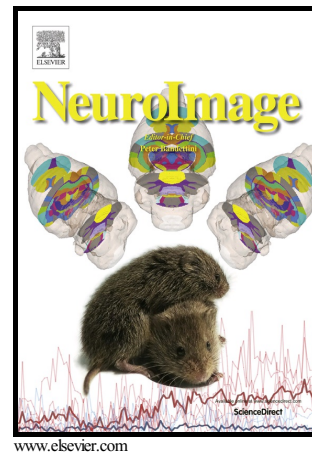


# Author's Accepted Manuscript

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PII: S1053-8119(17)30406-8  
DOI: <http://dx.doi.org/10.1016/j.neuroimage.2017.05.014>  
Reference: YNIMG14026

To appear in: *NeuroImage*

Received date: 13 December 2016  
Accepted date: 8 May 2017

Cite this article as: Timothy J. McDermott, Alex I. Wiesman, Amy L. Proskovec, Elizabeth Heinrichs-Graham and Tony W. Wilson, Spatiotemporal Oscillatory Dynamics of Visual Selective Attention during a Flanker Task, *NeuroImage* <http://dx.doi.org/10.1016/j.neuroimage.2017.05.014>

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### **Abstract**

The flanker task is a test of visual selective attention that has been widely used to probe error monitoring, response conflict, and related constructs. However, to date, few studies have focused on the selective attention component of this task and imaged the underlying oscillatory dynamics serving task performance. In this study, 21 healthy adults successfully completed an arrow-based version of the Eriksen flanker task during magnetoencephalography (MEG). All MEG data were

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