

Early Career Seminar Series

What We Can Learn From Customising Continuous Flash Suppression

2:00 PM, Dec 17th, 2020 Email zisherwood@unr.edu for the Zoom details

Behavioural measures are typically used in psychological research, but these measures are often affected by prior and current experience with low-level visual properties. These effects are also observed in continuous flash suppression, a technique where presenting a dynamic sequence of images to one eye renders a contralateral target image invisible for many seconds at time. Given its promise for the easy manipulation of visual awareness, CFS has become a popular tool in the growing area of unconscious visual processing. Here, I'll discuss how customisation of CFS stimuli could provide insights into CFS phenomena and underlying mechanisms. In addition, I'll present a newly developed open-source MATLAB package (CFS-crafter) that allows fine-control manipulation and analyses of CFS stimuli without prior expertise in image processing and analysis. In doing so, I aim to demonstrate the utility of the package within and beyond unconscious visual processing research.

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