

Working memory capacity and its  
influence on hearing in cochlear implant  
users –  
An electrophysiological approach

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## Oticon Foundation

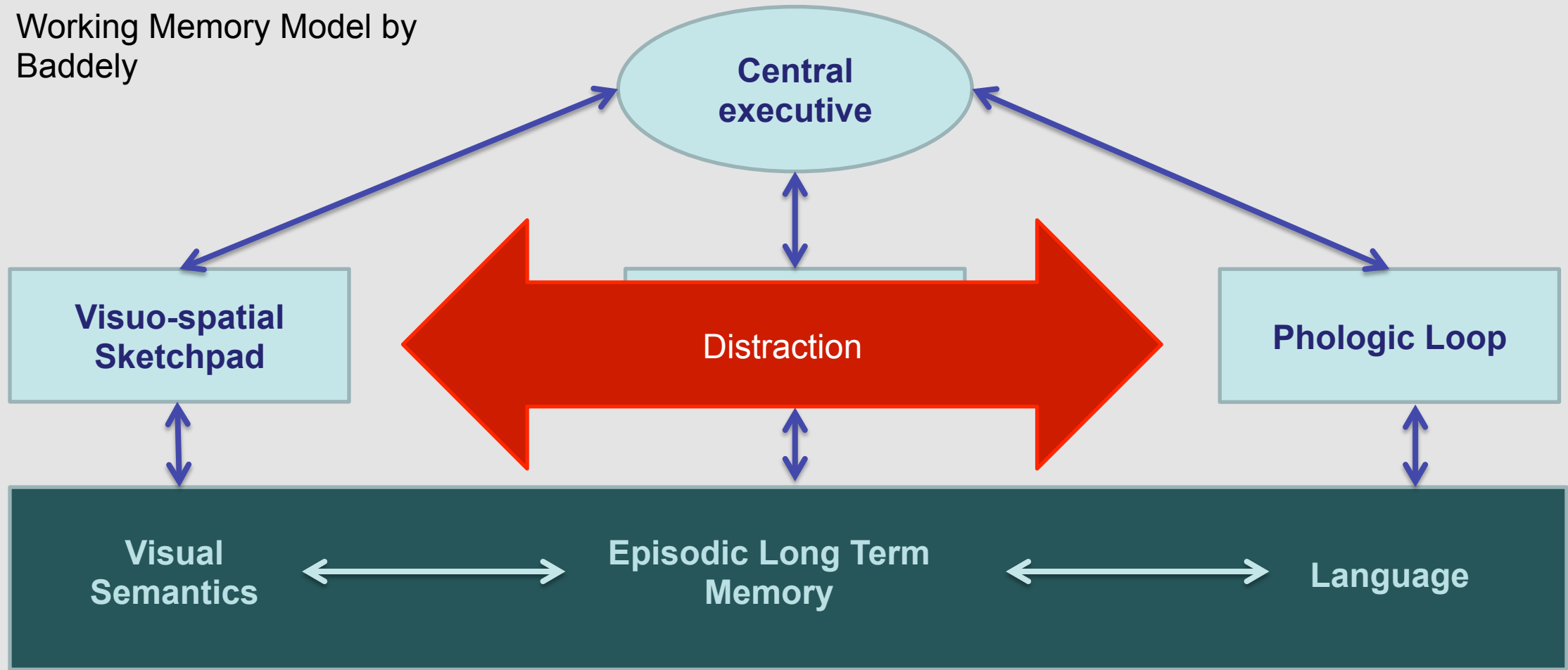


VIANNA



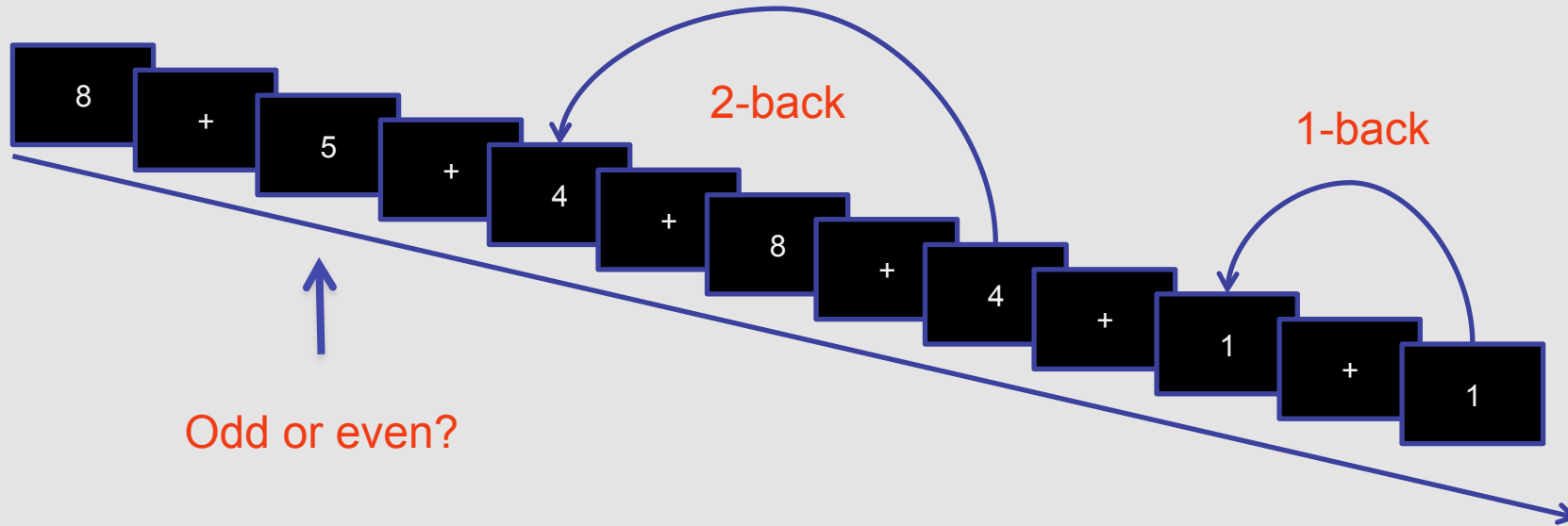
# Introduction

Working Memory Model by Baddely



Baddeley 2012

# Introduction



## Single Trial:

Novel Sound  
=deviant

Standard Sound



400ms

900ms

3500ms

# Results: EEG

Fig. 2: ERPs for all three conditions, separately for Novel and Standard sounds (- -)

