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August 22, 2017

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### LITERATURE REVIEW

Prospective Memory

Laboratory Based Prospective Memory Tasks

Valence and Prospective memory

Three PM task aspects that can be influenced by valence

### **METHODOLOGY**

Aim

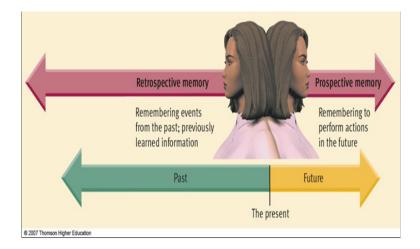
**Participants** 

Time Based Prospective Memory Task

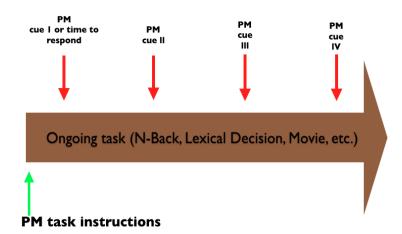
### LOOKING FORWARD

### REFERENCES

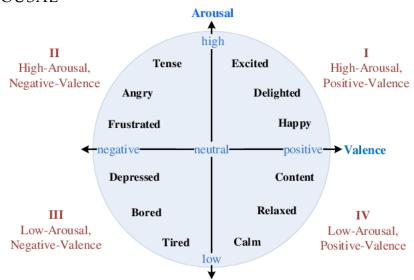
## WHAT IS PROSPECTIVE MEMORY?



## LABORATORY BASED PROSPECTIVE MEMORY TASKS

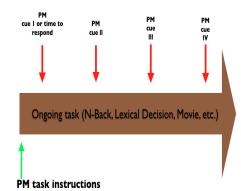


# TWO-DIMENSIONAL MODEL BY VALENCE AND AROUSAL



# THREE PM ASPECTS THAT CAN BE INFLUENCED BY VALENCE

- Cue
- ► Intention
- ► Context



## **A**IM

#### ▶ Problem:

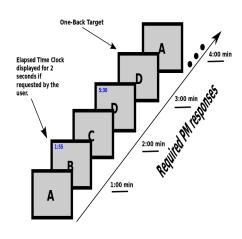
- ► Does ongoing activity stimuli affective valence affects TBPM performance even if arousal is maintained constant?
- Are there context valence X age interactions in PM performance, clock monitoring and/or ongoing activity performance?
- Are there any theoretical model that can explain obtained results?
- ► Justification: To our knowledge, age x context valence effects has not yet been the focus of a systematic investigation in the context of a TMPM task.

## **PARTICIPANTS**

- ► Participants: 20 Young adults (18-25 years) & 20 Old adults (60-75 years). Years of schooling 12 years.
- ► Neuropsychological Batteries:
  - ► Depression Anxiety and Stress Scale (DASS-21)
  - ► Psychological Battery for Attention Assessment (BPA)-(Rueda, 2013)
  - The Cambridge Cognitive Examination-Revised (CAMCOG-R)
- ► Laboratory tasks: Time reproduction & TBPM

## TIME BASED PROSPECTIVE MEMORY TASK

- ► Three Conditions:
  - ► Positive Valence IAPS
  - ► Negative Valence IAPS
  - ► Neutral Valence IAPS
- Ongoing Activity Performance (Acurracy and RT)
- ► Clock Monitoring Performance
- Prospective Memory Performance (Acurracy 5s before or after the required response time)



# LOOKING FORWARD

- October
  - ► Completion of Experiments and Early Analysis
- ► November
  - ► Analysis and Manuscript Preparation
- ▶ December
  - ► Manuscript Preparation and Dissertation Preparation
- ► January 2018
  - ► Paper Submission and Dissertation Preparation
- ► February 2018
  - ▶ Master's Defense

## REFERENCES

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