

2024 Spring Webinar

Decoding the interplay between cognitive biases: Theoretical and methodological considerations for research design



17th April 2024



**1-4pm
London Time**



**Members: Free
Non-members: US\$25**

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**Dr Jonas
Everaert**

Decoding the interplay between cognitive biases: Theoretical and methodological considerations for research design

Understanding the interplay between multiple cognitive biases is important to advance cognitive models of psychopathology. Cognitive biases likely interact in complex ways, requiring careful research design to adequately capture and model their interplay. This talk delves into critical theoretical and methodological considerations for measuring cognitive biases and modeling their interactions in the context of psychopathology.

Cognitive Bias Assessment Using ERPs

Event-related potentials (ERPs) can provide unique insights about the temporal dynamics and real-time unfolding of cognitive biases. In the current talk, I will provide (1) a theoretical overview of ERPs and how they can be utilized in the assessment of cognitive biases, (2) a practical overview of methodological considerations when running EEG experiments, and finally (3) an example of a recent ERP study which assessed expectancy and attention biases toward threat.



Elinor Abado



**Prof. Hadas Okon-
Singer**

From cognitive biases to support systems for diagnosis and individually-tailored treatment of psychopathology.

Cognitive biases constitute a prominent characteristic of psychopathology. In this presentation, I will explore the potential diagnostic significance of cognitive biases through the utilization of comprehensive assessments and advanced data analysis. Additionally, I will propose approaches to identify factors influencing the effectiveness of cognitive training in mitigating cognitive biases and maladaptive symptoms.