

# Dr. Charlotte Eben

POSTDOCTORAL RESEARCHER

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## Positions

### Postdoctoral researcher

GHENT UNIVERSITY

- PI: Dr. Frederick Verbruggen

Ghent, Belgium

July 2022 - present

## Education

### Ghent University

PHD EXPERIMENTAL PSYCHOLOGY

- Thesis title: "Impulsivity and restraint - Investigation of behavioral responses to negative outcomes"
- Advisor: Dr. Frederick Verbruggen, Co-Advisor: Dr. Joël Billieux

Ghent, Belgium

Oct 2018 - June 2022

### RWTH Aachen University

MASTER OF SCIENCE PSYCHOLOGY

- Thesis title: "Auditory selective attention in children of primary school age"
- Advisor: Dr. Sophie Nolden

Aachen, Germany

2016 - 2018

### RWTH Aachen University

BACHELOR OF SCIENCE PSYCHOLOGY

- Thesis title: "Negative priming in auditory selective attention"
- Advisor: Dr. Sophie Nolden

Aachen, Germany

2013 - 2016

## Publications

**Raw data, experimental code, analysis scripts and pre-registrations of my research can be found on Open Science Framework (<https://osf.io/gbj4t/>).**

**Eben, C.,** Vermeylen, L., Chen, Z., Notebaert, W., Ivanchei, I., & Verbruggen, F. (accepted). When response selection becomes gambling: post-error slowing and speeding in self-paced colour discrimination tasks. *Collabra: Psychology*.

**Eben, C.,** Fournier, L., Verbruggen, F., & Billieux, J. (2023). Modeling urgency in the lab: Exploring the associations between self-reported urgency and behavioral responses to negative outcomes in laboratory gambling. *Acta Psychologica*.

**Eben, C.,** Chen, Z., Billieux, J., & Verbruggen, F. (2022). Outcome sequences and illusion of control - Part I: An online replication of Langer & Roth (1975). *International Gambling Studies*.

**Eben, C.,** Chen, Z., Billieux, J., & Verbruggen, F. (2022). Outcome sequences and illusion of control – Part II: The effect on post-loss speeding. *International Gambling Studies*.

**Eben, C.,** Chen, Z., Cracco, E., Brass, M., Billieux, J., & Verbruggen, F. (2020). Are post-error adjustments influenced by beliefs in free will? A failure to replicate Rigoni, Wilquin, Brass and Burle, 2013. *Royal Society Open Science*, 7(11), 200664.

**Eben, C.,** Chen, Z., Vermeylen, L., Billieux, J., & Verbruggen, F. (2020). A direct and conceptual replication of post-loss speeding when gambling. *Royal Society Open Science*, 7(5), 200090.

**Eben, C.,** Koch, I., Jolicoeur, P., & Nolden, S. (2020). The persisting influence of unattended auditory information: Negative priming in intentional auditory attention switching. *Attention, Perception, & Psychophysics*, 1-12.

**Eben, C.,** Billieux, J., & Verbruggen, F. (2020). Clarifying the role of negative emotions in the origin and control of impulsive actions. *Psychologica Belgica*, 60(1), 1-17.

Reimer, C. B., Chen, Z., Bundt, C., **Eben, C.**, London, R. E., & Vardanian, S. (2019). Open Up—the Mission Statement of the Control of Impulsive Action (Ctrl-ImpAct) Lab on Open Science. *Psychologica Belgica*, 59(1), 321-337.

- Declerck, M., **Eben, C.**, & Grainger, J. (2019). A different perspective on domain-general language control using the flanker task. *Acta Psychologica*, 198.
- Eben, C.**, & Declerck, M. (2019). Conflict monitoring in bilingual language comprehension? Evidence from a bilingual flanker task. *Language, Cognition and Neuroscience*, 34(3), 320-325.

## Grants

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- 2022 **Grant for participation in a conference abroad**, FWO Flemish Research Foundation
- 2021 **Travel grant for long stays abroad**, FWO Flemish Research Foundation

## Presentations

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- Eben, C.**, Chen, Z., Billieux, J., & Verbruggen, F. (2022). *The influence of control beliefs on post-loss speeding when gambling*. Oral presentation: 7th International Conference on Behavioral Addictions 2022, Nottingham, United Kingdom
- Eben, C.**, Fournier, L., Verbruggen, F., & Billieux, J. (2022). *Exploring individual differences in behavioral responses to sub-optimal outcomes*. Poster presentation: 75th Annual Meeting of the Belgian Association of Psychological Sciences - 2022, Leuven, Belgium
- Eben, C.** (2022). *My experience with Open Science*. Invited oral presentation: 'DataCafé - Open Science ... Are you Experienced?', Ghent University, Belgium
- Eben, C.**, Chen, Z., Billieux, J., & Verbruggen, F. (2021). *The influence of control beliefs on post-loss speeding when gambling*. Oral presentation: Annual Meeting of the Belgian Association of Psychological Sciences - 2021, online organized by Institute of Psychology, Université catholique de Louvain, Belgium
- Eben, C.**, Chen, Z., Billieux, J., & Verbruggen, F. (2021). *The influence of control beliefs on post-loss speeding when gambling*. Poster presentation: EPS workshop: Decision making in voluntary actions - 2021, online organized by Institute of Cognitive Neuroscience, University College London, United Kingdom
- Eben, C.**, Chen, Z., Cracco, E., Brass, M., Billieux, J., & Verbruggen, F. (2020). *A replication attempt of Rigoni et al. 2013 – an open science example*. Oral presentation: 15ème Journée Scientifique Jeunes Chercheurs – 2020, online organized by Université de Lille, France
- Eben, C.**, Chen, Z., Vermeylen, L., Billieux, J., & Verbruggen, F. (2019). *A direct and conceptual replication of post-loss speeding when gambling*. Poster presentation: NVP Winter Conference, Egmond aan Zee, Netherlands.

## International Mobility

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### University of British Columbia

PI: DR. LUKE CLARK

- Short research stay abroad

Vancouver, Canada

November 2022

### University of Lausanne, CARLA lab

ADVISOR: DR. JOËL BILLIEUX

- Research stay abroad during the PhD studies

Lausanne, Switzerland

Aug - Nov 2021

### Aix-Marseille Université - Laboratoire de Psychologie Cognitive,

SUPERVISOR: DR. MATHIEU DECLERCK

- Masters research internship

Marseille, France

Feb - Apr 2018

### Université de Montréal - Dept of Cognitive Neuroscience

SUPERVISOR: DR. PIERRE JOLICOEUR

- Undergrad research internship

Montréal, Canada

Feb - Apr 2016

## Engagement

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Since September 2021, **Member of the Belgian Association for Psychological Sciences (BAPS) Junior Board**

Since February 2023, **Recommender at PCI RR**

## Skills

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jsPsych

R statistics

PsychoPy

LaTeX

## Adhoc reviewing

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Emotion

Royal Society Open Science

Cognitive, Affective, & Behavioral Neuroscience

International Gambling Studies

PLoS one

scientific reports

Journal of Behavioral Addictions

Pharmacology, Biochemistry and Behavior