

Tal Boger

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Education

Yale University

BA, STATISTICS & DATA SCIENCE

New Haven, CT

2019 - 2023 (exp.)

Research Experience

- 2022-now **Institute Jean Nicod at the ENS Paris**, PI: Brent Strickland
- 2021-now **Yale University Cognition & Development Lab**, PI: Frank Keil
- 2021-now **Yale University Action Computation & Thinking Lab**, PI: Sam McDougle
- 2021-now **Harvard University Computation, Cognition. & Development Lab**, PI: Tomer Ullman
- 2021-now **Northwestern University Visual Thinking Lab**, PI: Steven Franconeri
- 2020-now **Johns Hopkins University Perception & Mind Lab**, PI: Chaz Firestone
- 2021-2021 **MIT Media Lab Responsive Environments Group**, PI: Joseph Paradiso

Publications and Refereed Conference Proceedings

PUBLISHED (* equal contribution)

- *Hafri, A., **Boger, T.**, & Firestone, C. (2022). Melting ice with your mind: Representational momentum for physical states. *Psychological Science* 33(5), 725-735.
- Boger, T.**, Most, S.B., & Franconeri, S.L. (2021). Jurassic Mark: Inattentional Blindness for a Datasaurus Reveals that Visualizations are Explored, not Seen. In *2021 IEEE Visualization Conference (VIS)* (pp. 71-75). IEEE. **Awarded best short paper.**
- Boger, T.**, Anathabhotla, I., & Paradiso, J. (2021). Manipulating Causal Uncertainty in Sound Objects. In *2021 Audio Mostly Conference* (pp. 9-15).

Conference Presentations

- Hafri, A., **Boger, T.**, & Firestone, C. (2022). Remembering the Future: Representational Momentum for Physical States. Talk given at the annual meeting of the *Society for Philosophy and Psychology*, 7/21/2022, Milan, Italy.
- Boger, T.** & Keil, F.C. (2022). Mechanism influences intuitive object complexity. Talk given at the annual meeting of the *Society for Philosophy and Psychology*, 7/19/2022, Milan, Italy.
- Boger, T.** & Firestone, C. (2022). Automatic simulation of unseen physical events. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/17/2022, St. Pete Beach, FL.
- Boger, T.**, Most, S.B., & Franconeri, S.L. (2021). Jurassic Mark: Inattentional Blindness for a Datasaurus Reveals that Visualizations are Explored, not Seen. Talk given at the annual (online) meeting of the *IEEE Visualization Conference (VIS)*, 10/26/2021.
- Boger, T.**, Anathabhotla, I., & Paradiso, J. (2021). Manipulating Causal Uncertainty in Sound Objects. Talk given at the annual (online) meeting of the *Audio Mostly Conference*, 9/1/2021.
- Hafri, A., **Boger, T.**, & Firestone, C. (2021). Melting ice with your mind: Dynamic representation of physical states. Talk given at the annual (online) meeting of the *Vision Sciences Society*, 5/25/2021.
- Boger, T.**, Epstein, Z., Groh, M., & Firestone, C. (2021). Through the looking-glass: Visual sensitivity to chirality. Talk presented at the annual (online) meeting of the *Vision Sciences Society*, 5/25/2021.
- Boger, T.**, Hafri, A. & Firestone, C. (2020). Melting ice with your mind: representational momentum in state-space. Talk given at the annual (online) meeting of the *Object Perception, Attention, and Memory Conference*, 11/19/2020.

Invited talks

Harvard Vision Sciences Lab, December 2021. *What is “where”*.

DARPA Machine Common Sense Meeting, October 2021. *What is “where”*.

Awards, Fellowships, & Grants

- 2022 **National Eye Institute Early Career Scientist Travel Grant**, Vision Sciences Society
- Robert C. Bates Summer Fellowship**, Yale University
- Bruce M. Babcock '62 Research Travel Fellowship**, Yale University
- Saybrook College Richter Summer Fellowship**, Yale University
- Saybrook College Research Fellowship**, Yale University

- 2021 **Best Short Paper**, IEEE Visualization Conference (VIS)
- Saybrook College Richter Summer Fellowship**, Yale University
- Saybrook College Research Fellowship**, Yale University