

# ALESSANDRO BOGANI

(May 2024)

## Current affiliation

Center for Mind/Brain Sciences (CIMEC), University of Trento  
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## Areas of interest

Psychology of thinking and reasoning  
Counterfactual thinking & Mental simulation

## Research positions

**Postdoctoral research associate** (Dec 2023 – ongoing)  
Center for Mind/Brain Sciences (CIMEC) – University of Trento (Italy)  
Advisor: Katya Tentori  
Project: “Reasoning with hypotheses: Integrating logical, probabilistic, and experimental perspectives”

## Academic degrees

**PhD in Cognitive and Brain Sciences** (2019 – 2023)  
Center for Mind/Brain Sciences (CIMEC), University of Trento (Italy)  
Project: “Determinants and functions of counterfactual thinking”  
(Supervisors: Stefania Pighin, Katya Tentori)

**Master’s Degree in Applied Experimental Psychological Sciences** (2017 – 2019)  
Department of Psychology, University of Milano-Bicocca (Italy)  
Thesis: “Psychological agent-based models: Integrating psychological variables to improve models of flood risk estimation” (Supervisor: Simona Sacchi)

**Bachelor’s Degree in Scienze e Tecniche Psicologiche** (2014 – 2017)  
Department of Psychology, University of Milano-Bicocca (Italy)  
Thesis: “Irony comprehension: The role of theory of mind and grammatical competence”  
(Supervisor: Francesca Panzeri)

## Publications

- **Bogani, A.**, Tentori, K., Ferrante, D., & Pighin, S. (2024). Counterfactual thoughts in complex causal domain: content, benefits, and implications for their function. *Thinking & Reasoning*, 1–36. <https://doi.org/10.1080/13546783.2024.2343455>
- Pighin, S., **Bogani, A.**, Castro Davalos, G. B., Savadori, L. (2024). The effect of the 1-in-X numerical format on choices. *Journal of Behavioral Decision Making*, 37(1), e2355. <https://doi.org/10.1002/bdm.2355>
- **Bogani, A.**, Faccenda, G., Riva, P., Richetin, J., Pancani, L., Sacchi, S. (2023). The near-miss effect in flood risk estimation: A survey-based approach to model private mitigation intentions into agent-based models. *International Journal of Disaster Risk Reduction*, 89.
- **Bogani, A.**, Tentori, K., Ferrante, D., Pighin, S. (2022). La funzione del pensiero controfattuale: stato dell'arte e prospettive. *Sistemi Intelligenti*, 34(2), 253-269.

## Conferences

### Oral presentations

- **Bogani, A.**, Caponio, A., Tentori, K., Timberlake, B., Pighin, S. (May 2024). Il pensiero controfattuale aumenta la colpevolizzazione delle vittime di incidenti. *Giornata sul Pensiero*, Messina (Italy).
- Tentori, K., Crupi, V., Dragone, P., **Bogani, A.**, Passerini, A. (May 2024). How should we measure forecast accuracy? Combining Formal Models and Human Intuition for new Cutting-Edge Scoring Rules. *Giornata sul Pensiero*, Messina (Italy).
- **Bogani, A.**, Caponio, A., Tentori, K., Timberlake, B., Pighin, S. (December 2023). Amplified victim blaming for blameless individuals: The impact of counterfactual thinking in younger and older adults. *19<sup>th</sup> Annual Conference of the Italian Association of Cognitive Science (AISC)*, Genova (Italy).
- **Bogani, A.**, Caponio, A., Tentori, K., Timberlake, B., Pighin, S. (September 2023). Effects of aging and counterfactual thinking on victim blaming. *XXIX Congresso dell'associazione Italiana di Psicologia (AIP) – Sezione Sperimentale*, Lucca (Italy).
- Pighin, S., **Bogani, A.**, Castro Davalos, G. B., Savadori, L. (September 2023). Choosing between risk and certainty: the 1-in-x effect on choices. *23<sup>rd</sup> Conference of the European Society of Cognitive Psychology (ESCOP)*, Porto (Portugal).
- **Bogani, A.**, Tentori, K., Timberlake, B., Pighin, S. (August 2023). Investigating age-related differences in counterfactual curiosity. *Subjective Probability Utility and Decision Making (SPUDM) 2023*, Vienna (Austria).
- **Bogani, A.**, Tentori, K., Timberlake, B., Pighin, S. (December 2022). Counterfactual curiosity and aging. *18<sup>th</sup> Annual Conference of the Italian Association of Cognitive Science (AISC)*, Rovereto (Italy).

- **Bogani, A.**, Tentori, K., Ferrante, D., Pighin, S. (September 2022). To what extent does counterfactual thinking prepare us for the future? *XXX Congresso dell'Associazione Italiana di Psicologia (AIP)*, Padova (Italy).
- **Bogani, A.**, Tentori, K., Ferrante, D., Pighin, S. (December 2021). To what extent does counterfactual thinking prepare us for the future? *17<sup>th</sup> Annual Conference of the Italian Association of Cognitive Science (AISC)*, Noto (Italy).
- **Bogani, A.**, Tentori, K., Ferrante, D., Pighin, S. (July 2021). To what extent does counterfactual thinking prepare us for the future? *Cognitive Science Arena*, Online

#### Poster presentations

- Savadori, L., **Bogani, A.**, Castro Davalos, G., Pighin, S. (November, 2023). Beyond hypothetical scenarios: Investigating the influence of the 1-in-X numerical format on actual choices. Society for Judgment and Decision Making – *Annual Conference 2023*, San Francisco (USA).
- **Bogani, A.**, Tentori, K., Ferrante, D., Pighin, S. (February 2023). Il pensiero controfattuale aiuta a prepararci per il futuro? *Giornata sul Pensiero*, Messina (Italy).
- Giustolisi, B., **Bogani, A.**, Panzeri, F. (September 2017). Irony comprehension from 4 to 9: The role of language and theory of mind. *13<sup>th</sup> Generative Approaches to Language Acquisition Conference*, Palma de Mallorca (Spain)

#### Events organized

- 18th Annual Conference of the Italian Association of Cognitive Science, *Italian Association of Cognitive Sciences* (Dec. 15-17, 2022 – Rovereto, Italy)
- CIMeC Career Fair, *CIMeC - University of Trento* (May 18, 2022 – Trento, Italy)
- Doctoral Student's Day, *CIMeC - University of Trento* (Jan. 28, 2021 – Rovereto, Italy)

#### Reviewing activity for academic journals

Psicologia Sociale – Social Psychology Theory & Research

#### Scientific societies membership

- Associazione Italiana di Scienze Cognitive (AISC)
- Associazione Italiana di Psicologia (AIP) - Sezione Sperimentale
- European Association for Decision Making (EADM)