Shaozhe Cheng

Curriculum Vitae

Department of Psychology
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Education

Ph.D., Psychology, Zhejiang University   Expected 2023.10
     Advisors: Jifan Zhou (ZJU), Mowei Shen (ZJU), Tao Gao (UCLA)
     Dissertation: Intention beyond desires: Spontaneous commitment in human actions

B.S., Psychology, Shanghai Normal University   2012 – 2016

Awards and Honors

- Excellent Doctoral Dissertation Funding (96,000 RMB)   2021 – 2022
- Cognitive Science Society Conference Awards ($1000)   2021
- National Scholarship for Postgraduates (20,000 RMB)   2017

Research Interests

I am interested in the unique nature of the human mind that underlie human rationality and intelligence. Drawing insights and methods from philosophy, psychology (cognitive, developmental, and social), and artificial intelligence, I aim to explore the mechanisms and origins of human intentional actions and agency.

Publications

Cheng, S., Zhao, M., Tang, N., Zhao, Y., Zhou J., Shen, M., & Gao T. (under review). Intention beyond desire: Spontaneous intentional commitment regulates conflicting desires. *Cognition.*
(Preprint: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4396194)

Zhai, S[#]., **Cheng, S[#].**, Moskowitz, N., Shen, M., & Gao, T. (accepted). The development of commitment: Attention for intention. *Child Development.*
[#] joint first author

Cheng, S., Shi, B., Zhao, Y., Tang, N., Xu., H., Gao, T., Zhou J., & Shen, M. (2017) Rethinking attention: A reinforcement learning model of attention. *Chinese Journal of Applied Psychology.*

Refereed Conference Proceedings

Cheng, S., Zhao, M., Zhu, J., Zhou J., Shen, M., & Gao T. (2022). Intentional commitment through an internalized theory of mind: Acting in the eyes of an imagined observer. In *Proceedings of the 44th Annual Conference of the Cognitive Science Society.*

Cheng, S., Zhao, M., Zhu, J., Zhou J., Shen, M., & Gao T. (2022). Intentional commitment as goal perseverance in human planning [Workshop on Social Intelligence in Humans and Robots]. *The annual meeting of the Robotics: Science and Systems 2022 (RSS 2022). Virtual: Workshop RSS 2022.* https://social-intelligence-human-ai.github.io/

Zhai, S., **Cheng, S.**, Moskowitz, N., Shen, M., & Gao, T. (2022). The development of commitment: Attention for intention. In *Proceedings of the 44th Annual Conference of the Cognitive Science Society.*

Cheng, S., Tang, N., An, W., Zhao, Y., Zhou J., Shen, M., & Gao T. (2021). Intention beyond desire: Humans Spontaneously Commit to Future Actions. In *Proceedings of the 43rd Annual Conference of the Cognitive Science Society.*

In Preparation

Cheng, S., Zhu, J., Zhou J., Shen, M., & Gao T. (in prep). The presentation of self: Exploring the computational and social origins of self-commitment.

Cheng, S., Zhao, M., Zhu, J., Zhou J., Shen, M., & Gao T. (in prep). Modeling intention as an internalized theory of mind: Acting in the eyes of an imagined observer.

Cheng, S., Zhu, J., Zhou J., Shen, M., & Gao T. (in prep). Viewing others as committed agents.

Cheng, S., Zhu, J., Zhou J., Shen, M., & Gao T. (in prep). Intentions as hierarchical constraints in human planning.

Refereed Conference Presentations

^Students I supervised

Zhu, J^., **Cheng, S.**, Gao T., Shen, M., & Zhou J. (2023). Viewing others as committed agents. Poster accepted at *the 2023 SPSP Annual Convention. Society for Personality and Social Psychology*.

Zhu, J^., **Cheng, S.**, Gao T., Shen, M., & Zhou J. (2023). Intention as hierarchical constraints in human planning. Poster accepted at *the 2023 VSS Annual Meeting. Vision Sciences Society*.

Zhu, J^., **Cheng, S.**, Gao T., Shui, R., Shen, M., & Zhou J. (2023). People expect others to plan with consistency to intention. Poster accepted at *the 2023 APS Annual Convention. Association for Psychological Science*.

Cheng, S., Zhao, M., Zhu, J^., Zhou J., Shen, M., & Gao T. (2022). Intentional commitment as goal perseverance in human planning. Oral presentation at the Workshop on Social Intelligence in Humans and Robots in the *annual meeting of the Robotics: Science and Systems 2022 (RSS 2022)*. https://social-intelligence-human-ai.github.io/

Zhai, S., **Cheng, S.**, Moskowitz, N., Shen, M., & Gao, T. (2022). The development of commitment: Attention for intention. Oral presentation at *the Annual Meeting of the Cognitive Science Society*.

Cheng, S., Tang, N., An, W., Zhao, Y., Zhou J., Shen, M., & Gao T. (2021). Intention beyond desire: Commitment in human action. Poster presented at *the 47th annual meeting of the Society for Philosophy and Psychology*, 6/28/21 – 7/2/21, *Virtual-SPP*.

Cheng, S., Tang, N., An, W., Zhao, Y., Zhou J., Shen, M., & Gao T. (2020). Intention beyond desire: Commitment in human action. Poster presented at *the annual meeting of the Vision Sciences Society*, 6/19/20 – 6/24/20, *Virtual-VSS*.

Cheng, S., Xu, H., Tang, N., Zhou J., Chen, H., Liang, J., Gao T., & Shen, M. (2018). Hierarchical Constrains on the Distribution of Attention in Dynamic Displays. Poster presented at *the 30th APS Annual Convention*.

Teaching

- **Advanced Psychological Research Methods (graduate course), 2019, 2020**

  Invited Guest Lecturer, *Computational modeling in psychological research*

- **Psychology and Artificial Intelligence (undergraduate course), 2018, 2019**

  Teaching Assistant

- **Seminar on Evolutionary Psychology (for undergraduates), 2017, 2018**

  Invited Guest Lecturer

References

Tao Gao (Departments of Psychology, UCLA), taogao@ucla.edu

Jifan Zhou (Department of Psychology, Zhejiang University), jifanzhou@zju.edu.cn

Mowei Shen (Department of Psychology, Zhejiang University), mwshen@zju.edu.cn