

Shuo Huang

PERSONAL INFORMATION

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| PhD student | Mobile: +86 182 6262 9658 |
| Department of Astronomy | Orcid: 0000-0002-0054-8880 |
| Tsinghua University | E-mail: huangs20@mails.tsinghua.edu.cn |
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EDUCATION

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|-----------------|---|
| 2020.09- | PhD in Astronomy, Tsinghua University, Beijing, China Advisor: Prof. Chris Ormel |
| 2022.09- | Exchange PhD at Leiden Observatory, Leiden, the Netherlands Advisor: Prof. Simon Portegies Zwart |
| 2016.09-2020.07 | BS in Applied Physics, Hohai University, Nanjing, Jiangsu province, China Advisor: Prof. Hua Zou |

AWARDS

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| 2023 | First Prize in Comprehensive Scholarship, Tsinghua University |
| 2021 | Second Prize in Comprehensive Scholarship, Tsinghua University |
| 2020 | Jiangsu Province Model Student (江苏省三好学生), Hohai University |
| 2018 | National Scholarship (国家奖学金), Hohai University |

CONFERENCE PRESENTATIONS & SEMINARS

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| 2024.07 | Contributed talk in EAS, Padova, Italy |
| 2024.06 | Posters in Exoplanets V, Leiden, the Netherlands |
| 2024.04 | Contributed talk in NOVA NW2, Amsterdam, the Netherlands |
| 2024.01 | Contributed talk in Rocky Worlds III, Zurich, Switzerland |
| 2023.04 | Contributed talk in 2023 International Conference of Deep Space Sciences, Hefei, China |
| 2023.04 | Poster in Protostars and Planets VII, Kyoto, Japan |
| 2023.03 | Invited talk in "Deep week" at Center for Computational Astrophysics (Flatiron), online |
| 2023.01 | Special talk in MPIA, Heidelberg, Germany |
| 2022.10 | Contributed talk in NOVA NW2, Groningen, the Netherlands |
| 2022.07 | Poster in Sagan Workshop, online |
| 2021.06 | Contributed talk in National Conference on Planetary Science, Suzhou, Jiangsu province, China. |
| 2020.10 | Contributed talk in Earth 2.0 Transit Planet Survey Space Mission Science Meeting, online. |
| 2020.08 | Poster in EXO3 conference, online. |

TEACHING EXPERIENCE

Teaching Assistant, Stars and Planets, 2022 Spring (Tsinghua Univ.)

PATENT LIST

1. Huang, Shuo. 2018. 一种基于多层梯度折射率透膜的布儒斯特角起偏器. C.N. Patent 201811425137.6, filed Nov. 27, 2018, and issued Jan. 5, 2021.
2. Huang, Shuo. 2019. 一种基于深度学习的天文光谱仪像质补偿方法及系统. C.N. Patent 201910956023.2, filed Oct. 9, 2019, and issued Nov. 3, 2020.

PUBLICATION LIST

First Author

1. **Huang, S.**, van der Marel, N. & Portegies Zwart, S., *On the origin of transition disk cavities: Pebble-accreting protoplanets vs Super-Jupiters*, submitted
2. **Huang, S.**, Portegies Zwart, S., C. & Wilhelm, M. *On the suppression of giant planet formation around low-mass stars in clustered environments*, submitted
3. **Huang, S.** & Ormel, C., *When, where, and how many planets end up in first-order resonances?*, 2023, [MNRAS](#), **522**, 1
4. **Huang, S.** & Ormel, C., *The dynamics of the TRAPPIST-1 system in the context of its formation*, 2022, [MNRAS](#), **511**, 3
5. **Huang, S.**, Zou, H., Liu, T., et al., *An Active Flexure Compensation Method for LAMOST spectrograph based on BP-Neural Network*, 2020, [RAA](#), **20**, 3

Other Refereed Publications

1. Kuang, R., et al. (including **Huang, S.**), *OGLE-2019-BLG-1470LABc: Another microlensing giant planet in a binary system?*, 2022, [MNRAS](#), **516**, 2

Please check out this [ADS link](#) for the list of all refereed publications.