

# Simin Tong

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## EDUCATIONAL BACKGROUND

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### University of Leicester

*Ph.D., Astrophysics*

Supervisor: Prof. Richard Alexander

Leicester, the United Kingdom

Sept. 2022-

### Leiden University

*M.Sc. (cum laude), Astronomy*

*with 1-year Pre-Master, Astronomy*

Leiden, the Netherlands

Sept. 2019- Aug.2022

### Jilin University

*B.Sc., Physics and LL.B., Law*

Jilin, China

Sept. 2015 -Jun. 2019

## PUBLICATIONS

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1. **Tong** et al. Understanding disc evolution models with population synthesis (*in prep.*)
2. **Tong** & Alexander (2025) Compact protoplanetary discs can be produced by dead zones. (accepted to *MNRAS*) [[ADS](#)]
3. **Tong**, Alexander & Rosotti (2024). A question of personalities: evolution of viscous and wind-driven protoplanetary discs in the presence of dead zones. *MNRAS*, 533(2), 1211 [[ADS](#)]
4. **Tong**, van der Marel et al. (2024). High-resolution dust disk survey towards Serpens star-forming region. (*to be submitted*)
5. Anderson et al. (2022) (incl. **Tong**) Protostellar and protoplanetary disk masses in the Serpens region. *ApJ*, 938(1), 55. [[ADS](#)]

## SCHOLARSHIPS & AWARDS

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- Leicester Future 100 Studentship (international tuition fee + maintenance) 2022-
- Leiden International Tuition Fee Waiver 2020-2022
- Leiden Science China Scholarship (declined) 2019
  - 25% waiver of the non-EU/EEA tuition fee
- Dean's Scholarship 2019
  - the highest honour for undergraduates at the Department of Physics, JLU
- Outstanding Undergraduate Thesis Award 2019
- Outstanding Graduate in Jilin University 2019
- Chinese Academy of Sciences Undergraduate Scholarship 2017
- University Scholarship 2016-2019

## PRESENTATION

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- Pebbles in Planet Formation @Tokyo, Japan [[Oral](#)] (remote) Feb., 2025
- Group Meeting at Max Planck Institute for Astronomy @Heidelberg, Germany (remote) Feb., 2025
- Seminar at Purple Mountain Observatory @Nanjing, China Dec., 2024
- Group Meeting at Zhejiang University @Hangzhou, China Dec., 2024
- Seminar at Shanghai Astronomical Observatory @Shanghai, China Dec., 2024
- PDS Seminar at Tsinghua University @Beijing, China Dec., 2024
- Kavli Institute of Astronomy and Astrophysics Seminar @Beijing, China Dec., 2024
- UKI Discs Meeting @Warwick, UK [[Oral](#)] Sept., 2024
- New Heights in Planet Formation @Garching, Germany [[Poster](#)] Jul., 2024
- COST Action Kick-off Meeting @Torun, Poland [[Oral](#)] Jul., 2024
- Group Meeting at the Center for Computational Astrophysics, Flatiron Institute @NY, US May, 2024
- National Astronomy Meeting 2023 @Cardiff, UK [[Poster](#)] Jul., 2023
- Midland Discs Meeting @Leicester, UK [[Oral](#)] Jun., 2023

- Protostars and Planets VII @Kyoto, Japan [[Poster](#)]

Apr., 2023

## ADDITIONAL ACADEMIC ACTIVITIES

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|--|-----------------|
| • EXHOST Summer School @Tartu, Estonia   | Sept., 2024     |
| • Secondment to SUNY, Stony Brook/CCA, Flatiron Institute @New York, US              | Apr.-Jul., 2024 |
| • DUSTBUSTERS Winter School II @Lyon, France   | Jan., 2024      |
| • Disc and Planet Formation Summer School @Beijing, China (remote)                   | Jul., 2022      |
| • Summer Student at Institute of Astronomy and Astrophysics, Academia Sinica @Taipei | Jul.-Aug., 2019 |
| • The 4th SKA Summer School @Shanghai, China   | Jul. 2018       |
| • Internship at Institute of Physics, Chinese Academy of Sciences @Beijing, China    | Jan. 2018       |
| • Summer Student at Shanghai Astronomical Observatory @Shanghai, China               | Jul. 2017&2018  |

## SKILLS& LANGUAGES

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- **Programming languages:** PYTHON, FORTRAN(basic), C(basic), HTML&CSS(basic)
- **Professional packages:** DUSTPY, CASA, RADMC-3D
- **Languages:** English (Professional Proficiency); Mandarin (Native Proficiency)