

Simin Tong

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EDUCATIONAL BACKGROUND

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

1. **Tong** et al. Understanding disc evolution models with population synthesis (*in prep.*)
2. **Tong** & Alexander (2024) Compact protoplanetary discs can be produced by dead zones. (*Under Review*)
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

- 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

- (*Upcoming*) Pebbles in Planet Formation @Tokyo, Japan (remote) [[Oral](#)] 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

- 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

- **Programming languages:** Python, L^AT_EX, Fortran(basic), C(basic), HTML&CSS(basic)
- **Professional packages:** CASA, DustPy, RADMC-3D
- **Languages:** English (Professional Proficiency); Mandarin (Native Proficiency)