

# ZHI LI

## PERSONAL DATA

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PLACE AND DATE OF BIRTH: HUABEI, ANHUI PROVINCE, P.R.CHINA | 4 AUGUST 1989  
INSTITUTION: TSUNG-DAO LEE INSTITUTE (TDLI),  
SHANGHAI JIAO TONG UNIVERSITY (SJTU)  
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## ACADEMIC RECORD

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CURRENT JUL. 2018	TDLI PRIZE POSTDOC FELLOW SHANGHAI JIAO TONG UNIVERSITY, P.R.CHINA
SEPT. 2011-JUN.2018	GROUP MEMBER, SHAO GALAXIES GROUP SHANGHAI ASTRONOMICAL OBSERVATORY, P.R.CHINA
SEPT. 2016-FEB. 2017	CSC CO-SUPERVISED PROGRAM, DEPARTMENT OF PHYSICS & ASTRONOMY RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, UNITED STATES
MAY. 2014-NOV. 2014	RESEARCH VISITING STUDENT, GALACTIC DYNAMICS GROUP MAX-PLANCK-INSTITUT FÜR EXTRATERRESTRISCHE PHYSIK, GERMANY
SEPT. 2012-OCT. 2012	RESEARCH VISITING STUDENT, DEPARTMENT OF PHYSICS & ASTRONOMY SEOUL NATIONAL UNIVERSITY, SOUTH KOREA

## EDUCATION

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SEPT. 2011- JUN. 2018	PH.D IN ASTRONOMY UNIVERSITY OF CHINESE ACADEMY OF SCIENCES (UCAS), BEIJING, P.R.CHINA THESIS: "HYDRODYNAMICAL STUDIES OF GASEOUS FEATURES IN BARRED GALAXIES" ADVISOR: PROF. JUNTAI SHEN
SEPT. 2007- JUN. 2011	B.S. IN THEORETICAL PHYSICS LANZHOU UNIVERSITY (LZU), LANZHOU, GANSU PROVINCE, P.R.CHINA

## RESEARCH INTERESTS

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GALAXY FORMATION AND SECULAR EVOLUTION  
DYNAMICS IN SPIRAL AND BARRED GALAXIES (INCLUDING MILKY WAY)  
MERGERS, STAR FORMATION MECHANISM, AGN ACTIVITY AND FEEDBACK  
NUMERICAL TECHNIQUES AND METHODS IN CFD AND  $N$ -BODY DYNAMICS

## AWARD & HONORS

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2017 CSC SCHOLARSHIP  
2016 NATIONAL SCHOLARSHIP  
2016 THE DEAN'S EXCELLENCE AWARD OF CHINESE ACADEMY OF SCIENCES, UCAS  
2016 PIVOT OF MERIT STUDENT AWARD (TOP 1%), UCAS  
2010 THE 2ND PRIZE SCHOLARSHIP, LZU  
2009 THE 1ST PRIZE SCHOLARSHIP, LZU  
2008 THE 3RD PRIZE SCHOLARSHIP, LZU

## TEACHING & STUDENT SUPERVISION

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TEACHING ASSISTANT, "GALACTIC DYNAMICS"	SPRING 2020
ZIXUAN FENG, GRADUATE STUDENT (UCAS)	2017-
JIE LIU, GRADUATE STUDENT (UCAS)	2018-

## CONFERENCE TALKS & POSTERS

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Gas Flow Patterns in Barred Galaxies THE 3RD CROSS-STRAIT ASTROPHYSICS SYMPOSIUM, XIAMEN UNIVERSITY, XIAMEN	12/2012
Gas Flow Patterns in Barred Galaxies DISSECTING GALAXIES WITH 2D WIDE-FIELD SPECTROSCOPY, LIJIANG	03/2013
Nuclear Rings in Simulated Barred Galaxies THE LIN-SHU SYMPOSIUM: 50 YEARS OF SPIRAL DENSITY WAVES, TSINGHUA UNIVERSITY, BEIJING	06/2013
Nuclear Rings in Simulated Barred Galaxies THE 7TH KOREAN ASTROPHYSICS WORKSHOP ON DYNAMICS OF DISK GALAXIES, SEOUL NATIONAL UNIVERSITY, SEOUL	10/2013
Hydrodynamical Simulations of Gas Flows in Barred Galaxies 2015 ANNUAL SYMPOSIUM OF CHINA ASTRONOMY SOCIETY, PEKING UNIVERSITY, BEIJING	10/2015
Gas inflow patterns and nuclear rings in barred galaxies AMERICAN ASTRONOMICAL SOCIETY DDA MEETING, QUEEN MARY UNIVERSITY OF LONDON, LONDON	06/2017
Gas flow patterns in barred galaxies THE ROLE OF GAS IN GALAXY DYNAMICS, UNIVERSITY OF MALTA, VALLETTA	10/2017
Gas flow patterns in the Milky Way IAUS 353: GALACTIC DYNAMICS IN THE ERA OF LARGE SURVEYS, SHANGHAI	07/2019
Testing Quantum Wave Dark Matter Predictions in the Milky Way ASTROPHYSICAL DYNAMICS CONFERENCE, SHANGHAI	07/2019

## REFERENCES

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- DR. JUNTAI SHEN  
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SHANGHAI JIAO TONG UNIVERSITY  
[JTSHEN@SJTU.EDU.CN](mailto:JTSHEN@SJTU.EDU.CN)
- DR. WOONG-TAI KIM  
PROFESSOR  
SEOUL NATIONAL UNIVERSITY  
[WKIM@ASTRO.SNU.AC.KR](mailto:WKIM@ASTRO.SNU.AC.KR)
- DR. ORTWIN GERHARD  
PROFESSOR  
MAX-PLANCK-INSTITUT FÜR EXTRATER-  
RESTRISCHE PHYSIK  
[GERHARD@MPE.MPG.DE](mailto:GERHARD@MPE.MPG.DE)
- DR. JERRY SELLWOOD  
PROFESSOR  
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