

Curricular Vitae

Personal Particulars

Name: Tao CHEN.

Date of Birth: 28 July, 1985.

Nationality: Chinese.

Address: Room 202, Unit 3, Building 16, Forestry Residential Zone, Huancheng North Road, Linwu County, the City of Chenzhou, Hunan Province, People's Republic of China.

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Education Background

September 2009—June 2012

Master of Science in Theoretical Physics,
School of Physics and Telecommunication Engineering,
South China Normal University (Guangzhou, China)
Average Score: 86.62/100, Academic Rank: top 10%.

September 2005—June 2009

Bachelor of Science in Applied Physics, Department of Physics and Electric Engineering, Xiangnan University (Chenzhou, Hunan Province, China)
Average Score: 87.84/100, Academic Rank: 1%.

Theses

Thesis for the Master's Degree: *The Studies on the Topologies and Related Dynamical Properties of Complex Networks.*

Thesis for the Bachelor's Degree: *The Study of the One-way Transmission of Electromagnetic Wave in Four Types of Domains Piezoelectric-piezomagnetic Super-lattices.*

Publications

- (1) **Tao Chen** and Zhi-Gang Shao, Power-law accelerating growth complex networks with mixed attachment mechanisms, *Physica A* **391**, 2778-2787 (2012).
- (2) Zhi-Gang Shao and **Tao Chen**, Game of Life on the Equal Degree Random Lattice, *J. Stat. Phys.*, **141**, 952-956 (2010).

Research Projects that I have participated in

- (1) The Startup Fund of South China Normal University (Grant No: S53003).
- (2) The Grant of the Foundation for Young Talents in Higher Education of Guangdong Province, China (Grant No: LYM10065).
- (3) The Grant of the National Natural Science Foundation of China (Grant No: 11105054).

Awards and Scholarships

- (1) The awardee of “Taiwan Chinese and Tibetan Fellowship” for exceptional postgraduate academic research in South China Normal University in the Year 2011 (Date of Conferment: 22 March, 2012. This fellowship was awarded to the students who had an exceptional performance in their research in 2011, and only top 10% of the postgraduate students were eligible for this fellowship).
- (2) The awardee of “Zeng Yongyu Fellowship” for outstanding postgraduate students in South China Normal University in the Year 2011 (Date of Conferment: 22 March, 2012. This fellowship was awarded to the students who had an exceptional performance in their studies in 2011, and only top 10% of the postgraduate students were eligible for this fellowship).
- (3) The awardee of Chinese Government-Granted Scholarship for Outstanding Undergraduate Students in Xiangnan University in the Year 2006 (Date of Conferment: 10 March, 2007. This scholarship was awarded to the undergraduate students who had an exceptional performance in their studies in their studies, and I was ranked first among the 4 students in the Class of 2005).

Working Experiences

September 2012—May 2020: Teacher of Physics and Mathematics for High School Students.

Language Skills

English Proficiency: Good (IELTS Test: Listening: 6.0; Reading: 7.5; Writing: 6.5; Speaking: 6.0; Overall score: 6.5).

Computer Skills

Software: Origin and MS Excel.

Programming Language: FORTRAN90, MATLAB and C.

Academic Referees

Referee 1

Prof. Zhi-Gang Shao

School of Physics and Telecommunications Engineering

South China Normal University, University Town, 510006, Panyu District, Guangzhou, Guangdong Province, China

Telephone number: (86)13622839126

Email: zgshao@scnu.edu.cn; zgshao@126.com;

Relationship: My master's supervisor;

Referee 2

Prof. Bao-Quan Ai

School of Physics and Telecommunications Engineering

South China Normal University, University Town, 510006, Guangzhou, Guangdong Province, China

Telephone number: (86)13435633158

Email: aibq@scnu.edu.cn.

Relationship: My master's collaborator.

Referee 3

Prof. Zheng-Hua Tang

School of Physics and Telecommunications Engineering

Xiangnan University, Wangxianling Campus, 889 Chenzhou Avenue, 423000, Chenzhou, Hunan Province, China

Telephone number: (86)18175549653

Email: tangzh@xnu.edu.cn.

Relationship: My undergraduate's supervisor.