



Weikang Tang
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Dalian University of
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China

Weikang Tang

Ph. D. Candidate in Plasma Physics

About me

My life is a war against those evil forces who want to uniform my inhomogeneity.

Interests

Professional

Gyrokinetic, MHD, numerical simulation

Personal

Video games, basketball, cooking, badminton, singing, texas hold'em

Education

Present, Dalian University of Technology

Ph. D. Candidate in Plasma Physics

2015, Dalian University of Technology

B.S. in Applied Physics

Experience

Software Development Skills

Programming

- Fortran
- C++
- Matlab
- HDF5
- Python

Computer Software

- MDC
- Visit
- GEM

Awards

2019, Visiting Scholar Scholarship, China Scholarship Council

Awarded to outstanding individuals to support their studies abroad

Presentations

2019, Oral, the 11th International Conference on Computational Physics, Hangzhou

"Control of neo-classical tearing modes by ECCD in tokamak plasmas"

2019, Oral Invited, the 7th Conference on Magnetic Fusion Theory and Simulation, Wuhan

"Control of neo-classical tearing mode by synergetic effects of RMP and ECCD"

2017, Oral, ITER Sub-project "MHD Instabilities" Seminar, Hangzhou

"Control of neo-classical double tearing modes by differential poloidal rotation in reversed magnetic shear tokamak plasmas"



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Publications

2020, "Control of neoclassical tearing mode by synergetic effects of resonant magnetic perturbation and electron cyclotron current drive in reversed magnetic shear tokamak plasmas"

W. Tang, Z. X. Wang, L. Wei, J. Wang and S. Lu *Nucl. Fusion* **60** 026015

2019, "Effects of resonant magnetic perturbation on locked mode of neo-classical tearing mode"

W. Tang, L. Wei, Z. X. Wang, J. Wang, T. Liu and S. Zheng *Plasma Sci. Technol.* **21** 065103