



Weikang Tang  
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School of Physics  
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# Weikang Tang

## Ph. D. Candidate in Plasma Physics

### About me

#### My motto

*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. This program is suspended due to the pandemic of the COVID-19.

### Presentations

#### 2020, Oral, the 4<sup>th</sup> Asia-Pacific Conference on Plasma Physics, Online

"Control of neo-classical tearing mode by synergetic effects of RMP and ECCD in RMS tokamak plasmas"

#### 2019, Oral, the 11<sup>th</sup> International Conference on Computational Physics, Hangzhou

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

#### 2019, Oral Invited, the 7<sup>th</sup> Conference on Magnetic Fusion Theory and Simulation, Wuhan

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



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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