

Feifei Wu

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744 Motooka, Nishi Ward, Fukuoka, 8190395, Japan

CURRICULUM VITAE

Faculty of Engineering Thermophysics

Citizenship: People's Republic of China

Date of Birth: 05/11/1993

Gender: Female



Educational Background

Bachelor of Engineering (9/2012 - 6/2016)

- Major: Thermal and Power Engineering
- Institute: School of Mechanical Engineering, Qingdao University

Master of Engineering (8/2016 - 1/2019)

- Major: Thermophysics
- Institute: School of Mechanical Engineering, Tianjin University
- Master topic: Numerical Study on the Evaporation of Microlayer during Nucleate Pool Boiling
- Supervisor: Assoc Prof. Zhihao Chen

Doctor of Engineering (10/2021 -) (Mext scholarship)

- Major: Thermophysics
- Institute: School of Mechanical Engineering, Kyushu University
- Doctor topic: Effect of a Honey-Comb Porous Plate on the Critical Heat Flux under Reduced Pressure Conditions
- Supervisor: Prof. Shoji Mori

Papers published

Journal article

- Z. Chen, F. Wu, Y. Utaka, P. Chen, C. Liang, An Improved Treatment on the Apparent Contact Angle of a Single-Bubble in Consideration of Microlayer for Simulations of Nucleate Pool Boiling, *J. Therm. Sci.* 30 (2021) 1951–1959.
- Zhihao Chen, Feifei Wu, Yoshio Utaka, Numerical simulation of thermal property effect of heat transfer plate on bubble growth with microlayer evaporation during nucleate pool boiling, *Int. J. Heat Mass Transfer*, 118 (2018): 989–996.

Conference paper

- Zhihao Chen, Feifei Wu, Yoshio Utaka, Numerical study on the evaporation of microlayer during nucleate pool boiling for water and ethanol, *10th International Conference on Boiling and Condensation Heat Transfer*. (Nagasaki, Japan).
- Zhihao Chen, Feifei Wu, Yoshio Utaka, Investigation on the contribution of microlayer evaporation during nucleate boiling for water, *9th World Conference on Experimental Heat Transfer*. (Iguazu Falls, Brazil).

Activities

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- Volunteer of “China-Japan Heat Transfer Symposium 2016” November.2016
- Attend “Japan-Asia Youth Exchange Program in Science” October.2017