

Curriculum Vitae

● General

Last Name: GONG

First Name: Liang

Sex: Male

Nationality: P.R. China

Date and Place of Birth: March 30, 1980

at Qinghai, P.R.China

Address (Office): Experimental Center of Thermal & Fluid Science, School of Energy & Power Engineering, Xi'an Jiaotong University, Xi'an Shaanxi, P.R.China, 710049

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Current Position: Ph. D Candidate, School of Energy & Power Engineering, Xi'an Jiaotong University



● Research Interests

Numerical heat transfer and fluid flow

Cryocooler science and technology

Flow and heat transfer in micro systems

● Education

2006.3– present Ph. D Candidate, School of Energy & Power Engineering, Xi'an Jiaotong University, China.

Major: Engineering Thermophysics

Aera of Research: Numerical Research on Pulse Tube Refrigerator

2004.9– 2006.2 Master program, School of Energy & Power Engineering, Xi'an Jiaotong University

Major: Engineering Thermophysics

Aera of Research: Numerical Research on Pulse Tube Refrigerator

1998. 9 – 2002.7 Bachelor of Engineering

Name of the University: China University of Petroleum

Degree Level: Undergraduate student

Major: Thermal Power Engineering

● Selected Publications

1. **Liang Gong**, Zeng-Yao Li, Ya-Ling He and Wen-Quan Tao. Discussion on numerical treatment of periodic boundary condition for temperature. **Numerical Heat Transfer, Part B**, 2007, 52 (5): 429-448
2. **GONG Liang**, HE Ya-Ling and TAO Wen-Quan. Two dimensional numerical simulation of an orifice pulse tube refrigerator. **Proceeding 2007 Annual Engineering Thermophysics Conference: Chinese Society of Heat and Mass Transfer**, 2007:1146-1150.
3. **GONG Liang**, TAO Wen-Quan, HE Ya-Ling and YU Le / Xi'an Jiaotong University. A New Kind of Pulse Tube Refrigerator Improving the Gas Temperature Layered Distribution: **P.R.China**, Patent Application Number: 200810150409.6
4. Wenjing Ding, **Liang Gong**, Yaling He and Wenquan Tao. Three dimensional numerical simulation of the basic pulse tube refrigerator. **Frontiers of Energy and Power Engineering in China**, 2008, 2(1): 48-53.
5. **Liang GONG**, Ya-Ling HE, Wen-Jing DING and Wen-Quan TAO. Two dimensional numerical simulation of an orifice pulse tube refrigerator. Submitted to **Cryogenics** for publication.
6. Wen-Jing DING, **Liang GONG**, Ya-Ling HE and Wen-Quan TAO. Three dimensional numerical simulation of the simple pulse tube refrigerator. Submitted to **Engineering Computations** for publication.

● HONORS/AWARDS

- 1、**Outstanding College Graduates Award**. June 2002.
- 2、**Outstanding Graduate Thesis Award**. June 2002.
- 3、**Heatcraft Young Scientist Award**. November 2007.