

Mr. Xin Li
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OBJECTIVE: A PhD position in mechanical engineering in first-class university or research institute

EDUCATION: **Chalmers University of Technology** Gothenburg, Sweden
Master of Science Degree Major GPA 3.0 Sep. 2005 ~ Jun. 2007
Major: Microsystem Integration Technology
Beijing Institute of Technology Beijing, China
Bachelor of Engineering Major GPA 3.0 Sep. 2001 ~ Jul. 2005
Major: Mechatronic Engineering

RESEARCH

EXPERIENCE **Chalmers University of Technology** Oct. 2006 ~ Jun. 2007
Description: Manufacturing and Characterization on electrospun nanofibers.
SAAB Ericsson center Aug. 2006 ~ Jun. 2007
Description: Systematically analyze the defect on PCB board for space application.
Chalmers University of Technology Mar. 2006 ~ Jun. 2006
Description: Life Cycle Analysis on the microwave oven industry
Beijing Institute of Technology Jan. 2005 ~ Jun. 2005
Description: Modeling and FEM thermal management simulation on Micro Fuel Cell

PROFESSIONAL

EXPERIENCE **National Key Laboratory of Mechatronics** Beijing, China
Engineering and Control, Beijing Institute of Technology Aug 2008 ~ Aug 2009
Research and Administrative Assistant
1, Supervise and mentor master student on scientific research program.
2, Organize scientific papers and guide master student for research.
3, Direct research project and prepare report and update professor in a timely manner
Embassy of United States in Beijing, China Beijing, China
Administrative File Clerk Jul 2008 ~ Aug 2008
1, Develop effective, efficient and easily understandable electronic filing system.
2, Assist area director to prioritize tasks and make report in a timely manner.
Ericsson (China) Communications Company Ltd Beijing, China
Mechanical Engineer Sep 2007 ~ Jun 2008
1, Mechanical design within the R&D Center projects on mechanical components.
2, Coordination with Brazilian and Swedish engineer on base station localization project.
3, System-level verification test and prepare report for direct manager.

PUBLICATIONS

- 1, “**Experimental Investigation of Polyurethane Electrospun Nanofibers Mat for Nanobiomedical Device**” (Xin Li, Wenzhong Lou, Rongchang Song). IEEE International Conference on Nano/Molecular Medicine and Engineering 2009 Oct.18-21 Tainan, Taiwan *In press*
- 2, “**Test on Acoustic Resonance Characteristic of PTFE Micro/Nano-aperture Membrane for Biomedical Application**” (Wanfeng Lin, Wenzhong Lou, Xin Li, Jing Xu) IEEE International Conference on Nano/Molecular Medicine and Engineering 2009 Oct.18-21 Tainan, Taiwan *In press*
- 3, “**Integration Micro-Magnetic Sensor and Accelerometer Microsystem for Orienting application**” 206 (Weihua Li, Wenzhong Lou, Xin Li, Rongsen Hon, Liang Hu) Proceedings of the 4th IEEE Int.Conf. on Nano/Micro Engineered and Molecular Systems January 5-8, 2009 Shenzhen, China pp.202 to 206
- 4, “**A novel Design of Micro-magnetic sensor Guidance System for the Blind**” (Liang Hu, Wenzhong Lou, Renlong Song, Chao Gao, Xin Li) Proceedings of the 4th IEEE Int.Conf. on Nano/Micro Engineered and Molecular Systems January 5-8, 2009 Shenzhen, China pp.235-237
- 5, “**Investigation of Dielectric Strength of Electrospun Nanofiber Based Thermal Interface Material.**” (Xu Wang., Wenxuan Wang, Xin Li, Bjorn Carlberg, Xiuzhen Lu, Zhaonian Cheng, Johan Liu, Dongkai Shangguan). Proceeding of High Density Packaging and Microsystem Integration, 2007. HDP '07., (26-28 June 2007):1-6.
Indexed by EI (EI Index Number: 081311176137)
6. “**Manufacturing and Characterization of Nano Silver Particles Based Thermal Interface Material.**” (Johan. Liu, Michael Olugbenga Olorunyomi, Xin Li, Dongkai Shangguan) Proceeding of the 2007 Electronic Components and Technology Conference, ECTC'07, 57th (May 29 -June 1 2007):475-479.
Indexed by EI (EI Index Number: 074310879718)
- 7, “**The Thermal Management Simulation of a Micro Direct Methanol Fuel Cell**” (Lou Wenzhong, Tingwei Li, Bin, Qi, Xin Li)
The 8th Asian Hydrogen Energy Conference May 26th~27th, 2005, Tsinghua University, Beijing China.

HONORS 2008 Certificate of Appreciation awarded by United States Embassy APHIS-IS
2002~2005 Beijing Institute of Technology People Scholarships

SKILLS Lab: Cleanroom experience; CVD; Electrospinning; SEM, Tensile test; TGA
Computer: Proficient in Microsoft Office(Word, Excel, Powerpoint)
Working knowledge of Pro/E, ANSYS, MATLAB,C++, Photoshop
Language: Mother tongue in Mandarin, Excellent in English, Fluent in Swedish,
Basic in french

ENGLISH STANDARD TEST

TOEFL: 98/120 (Listening: 28; Reading: 28; Writing: 22; Speaking: 20) test date:2008-05-17

GRE: 1150/1600 (verbal 350/800 20%, quantitative 800/800 94%, Analytical Writing 3.0 08%) test date: 2008-10-25

GMAT: 580/800 (Verbal 26, qantitative 44, Analytical Writing 5.0 test date: 2008-10-27)

(Further information upon request)