Pengfei Lu

jacinto@snnu.edu.cn

No. 620, West Chang'an Avenue, Chang'an District, Xi'an 710119, China

**Education**

09/2013 -- current

**Master’s student** in computer system architecture

School of Computer Science, Shaanxi Normal University (SNNU, project 211), China

**Significant coursework**: Design and Analysis of Algorithms, Network Science, Graph Theory, Digital Signal Processing, Combinatorial Mathematics.

**Supervisor**: Prof. Zhenqiang Wu

**Research Area**: Channel Model, Molecular communication, Nano-scale Communication

**Thesis title**: A Vertical Channel Model of Molecular Communication and its Channel Model

09/2009 -- 06/2013

**Bachelor’s student** in computer science

College of Information Science & Technology, Beijing University of Chemical Technology (BUCT, project 211), China

Significant coursework: Data Structure, Discrete Mathematics, Operating System, Computer Network, Principles of Computer Organization, Object Oriented Programming；

**Supervisor**: Assist Prof. Yong Liu

**Thesis title**: Job management system based on HustOJ

**Technical Competencies**

**Languages**: Java, C++, HTML, PHP, R, Matlab, N3Sim

**Programming Methodologies**: Fundamentals of OO design

**Databases**: Microsoft SQL server, Mysql

**System Administration**: Windows 7/8, Linux(Redhat, Ubuntu, Centos)

**Services**: web, dns, dhcp, firewall, network management

**Experience**

**Teaching Assistant**, Network Management, Shaanxi Normal University

* Hold weekly office hours for a graduate class on computer networks.

**Academic Achievements**

**Papers**:

1. Pengfei Lu, Yang You, Zhenqiang Wu, Bo Liu. “A Vertical Channel Model of Molecular Communication based on Alcohol Molecules”, accepted by BICT 2015 Conference in New York City, United States.
2. Pengfei Lu, Zhenqiang Wu, Bo Liu. “A vertical channel model of molecular communication and its test-bed”,[*Pervasive Health and Technology*](http://escripts.eai.eu/journal/view/52), submitted for publication.
3. Pengfei Lu, Zhenqiang wu. “Continuous Molecular Communication in one dimensional situation”, submitted to ISMICT 2016 Conference in Boston, United States.

**Patents**:

1. Zhenqiang Wu, Pengfei Lu, Yang You, Xu Gao. “A vertical test-bed of Molecular Communication”, 2015, China, H04B 13/00.
2. Zhenqiang Wu, Gaowei Cheng, Yizhe Ding, Pengfei Lu. “The recommendation system of teaching resources in the mobile learning environment ”, 2014, China, 2014SR110890.