

Ding Ding

Italy

Dipartimento di Matematica, via Trieste 63, 35121 Padova

Department of Mathematics

University of Padua

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EDUCATION

- Ph.D in Computer Science from January 2014 to
University of Padua, Padua, Italy
Supervisor: **Prof. Mauro Conti**
- M.S. in Computer Application Technology July 2010 to June 2013
Shandong Normal University, Jinan, P.R. China
Project: **Research on Optimizing Energy Consumption in Wireless Sensor Networks**
- B.S. in Information Management and System September 2005 to June 2009
Shandong Normal University, Jinan, P.R. China

RESEARCH INTERESTS

- Privacy in Social Networks
- Smartphone Security
- Privacy in e-Health
- Energy Conservation in Mobile Devices

PUBLICATIONS

JOURNAL PAPERS

- **Ding Ding**, Liu Fangai and Li Qianqian, "Hybrid MAC Protocol Based on Wireless Sensor Network", Computer Engineering, 2012, Volume 38, Number 8. 61-63. DOI: 10.3969/j.issn.1000-3428.2012.08.020
- **Ding Ding**, Liu Fangai and Li Qianqian. Clustering Algorithm based on Backup Path in Wireless Sensor Network", Journal of Computer Applications, 2012 Volume 32, Number 4, 920-923. DOI: 10.3724 / SP. J. 1087. 2012. 00920
- **Ding Ding**, Liu Fangai and Li Qianqian. "An Improved Clustering Algorithm Based on Backup Path", Advances in information Sciences and Service Sciences, 2012 Volume 4, Number 8, 207-216. ISSN: 19763700, DOI: 10.4156/AISS.vol4.issue8.26
- Li Qianqian, Liu Fangai, **Ding Ding**. "Research on Energy Hole Based on PMRC in WSN", Application Research of Computers, 2012 Volume 29, Number7, 2614-2617. DOI:10. 3969 /j. issn. 1001-3695. 2012. 07. 058
- Zhu YuPing, LiuFangai, **Ding Ding**, Li QianQian. "Quick Search for Data P2P-Based in the Cloud", Computer Technology and Development, 2012 Volume 22, Number5, 67-70.

CONFERENCE PAPERS

- **Ding Ding**, Liu Fangai, Li Qianqian and Liu Peng. "An Improved Energy Conservation SMAC Protocol", The 3rd International Conference on Signal Processing Systems, Yantai, China: IEEE Press 2011: 1534-1537.

- Peng L, Hong L, Wenlu Y, **Ding D**. “A method based on Fa for herding dynamic automatic aggregation path-planning”, 2011 2nd International Conference on Control, Instrumentation and Automation, Shiraz, Iran: IEEE, Press 2011: 451-455. ISBN:9781467316903

POSTERS AND PRESENTATION

- **Ding Ding**, Liu Fangai, Li Qianqian and Liu Peng, An Improved Energy Conservation SMAC Protocol, at the IEEE ICSPS, Shandong Institute of Business and Technology, Yantai, China, On August 27th, 2011.
- Contributed to a Speak titled “A hierarchical Network (HRRP(k)) and Its Application” given on 2010 IEEE Asia-Pacific Services Computing Conference.

COURSES TAKEN AND GRADES

• Basic English	88
• Specialty English	83
• Software Development Method and Environment	71
• Computer Network Technology	94
• Distributed Computing	89
• XML Technology	90
• Higher Artificial Intelligence	83
• Data Mining and Knowledge Engineering	84
• Computing Complexity Theory	84
• Network Information Safety Technology	87
• Public Management	82
Average Scores: 85/100 Thesis Evaluation: A	

AWARDS AND HONORS

- Ph.D Scholarship in University of Padua, 2014-2016
- Scientific Research Innovation Fund, 2013
- Academic Merit Scholarship, 2010-2012
- The Third Prize of Android Application Development Challenge in China (Eastern China Competition Area) hold by Google, 2011
- Individual Scholarship of Shandong Normal University, 2007

CERTIFICATIONS

- “Project Management, Systems Integration Engineer” issued by National Computer Professional and Technical Qualifications, 2012
- Cisco Certified Network Professional(CCNP), December 23, 2008
- Cisco Certified Network Associate (CCNA), March 25, 2008

WORK EXPERIENCES

Graduate Research Assistant

Jan 2012 to Jan 2013

*Information Technology Management Center
Shandong Normal University
Jinan, Shandong, P.R. China*

- Mainly Involved in the OECWSN project, which stands for Optimizing Energy Consumption in Wireless Sensor Network (No. 2009312). My job was to design and implement the new protocol in both MAC layer and Network Layer. I successfully proposed the DMAC and EDC algorithms, respectively.

- Involved in the **BDICC** (Building and District Intelligentization based on Cloud Computing, No. 2011GGH20123) project. My work was to design ZigBee networks among three SDNU campuses based on Arduino open-source project for collecting data and information.
- Involved in following bachelor's thesis supervision
 - Yu BeiJia, "The Research of Virtualization Technology Based on Cloud Computing", 2012.
 - Wu Nan, "Research on Methods and Strategies of Network Attack", 2012.

Graduate Teaching Assistant

Jan 2011 to Jan 2012

*Information Science and Engineering department
Shandong Normal University
Jinan, Shandong, P.R. China*

- Mainly involved in stimulation experiment tutorials, lectures, and organizing student's presentations for the courses of distributed system and advanced computer network.
- Returned assignments to students in accordance with established deadlines.

Network Engineer

July 2009 to May 2010

*Electronics central workshop
SINOTRUK
Jinan, Shandong, P.R. China*

- Support, maintenance, upgrades and troubleshooting on the core networks consisting of both Cisco and Huawei routers.
- Involved in implementing QoS requirements in cooperation with local carriers. (e.g. China Unicom)
- Delivering CCNA, CCNP certification and other networking courses to colleagues.

Teacher Aide

Jan 2009 to June 2009

*Shandong Haitian Institute
Jinan, Shandong, P.R. China*

- Involved in several network courses. (e.g. CCNA, CCNP). Pre-configuring Routers and Switchers in experiments.
- Evaluated examinations in both CCNA and CCNP class.
- Lead discussion sections, tutorials, and laboratory sections.

Translator

March 2006 to Now

Chinese Version of Arsenal Football Club Website

- Collecting the English news related to Arsenal football club and translating them into Chinese.

MINI PROJECTS

- Shandong Normal University Hospital Information Management System
- Easy Campus, an Android app
- The World, an IOS app
- China National Heavy Duty Truck Group(CNHDTG) Stock Truck Selling System
- Jinan Military Air Force Early-Warning and Preventing System for Avoiding Bird-Striking
- Tianqiao District Safeguard Bureau Service Center Platform
- Shandong Normal University Goods Exchange Platform

LANGUAGE SKILLS

- English: Fluent (IELTS: Listening 6, Reading 7, Writing 6, Speaking 6. Overall 6.5)