

CURRICULUM VITAE

June 2016

Leila Sharifi

Contact

Distributed Systems Group, INESC-ID / IST-University of Lisboa, Portugal

Distributed Systems Group, DAC, Barcelona Tech (UPC), Spain

E-mail: lsharifi [at] ac.upc.edu

Web page: <http://people.ac.upc.es/lsharifi/>

Research Interests

- **Sustainable Computing:** Energy-aware service provisioning, Smart Grid
 - **Distributed Systems:** multi-tenancy, P2P, Clouds
 - **System Analysis and Modeling**
-

Education

- **PhD.** (Distributed Systems)
Double Degree (University of Lisboa and Barcelona Tech (UPC)), February 2013 to September 2016 (Expected).
GPA: 17.60/20- Excluding thesis
Thesis: *Energy-aware Service Provisioning in P2P-assisted Cloud Ecosystems*
Co-advised by: Luis Veiga and Felix Freitag.
- **M.Sc.** (Computer Networks and Distributed Systems)
Amirkabir University of Technology, Tehran, Iran, September 2008 to February 2011
GPA: 17.82/20
Seminar: *SMART Topology Construction in Peer to Peer Networks*
Thesis: *A High Speed Search Scheme Based on Content Classification in Topology and Semantic Aware Peer to Peer Networks*
Under the supervision of: Siavash Khorsandi
- **B.Sc.** (Information Technology)
Amirkabir University of Technology, Tehran, Iran, 2003 to 2007
GPA: 14.64/20
Project: *Network Anomaly Visualization*
Under the Supervision of: Mehdi Shajari

- **High School.** National Organization for Developing Excepted Talents (NODET)-Farzanegan Branch, Urmia, Iran, 1999 to 2003
GPA: 18.84/20
-

Selected Publications

Conferences

- L. Sharifi, F. Freitag, L.Veiga, “*ARTA: An economic middleware to exchange energy and computing resources,*” Submitted to SmartGridComm 2016.
- L. Sharifi, F. Freitag, L.Veiga, “*Envisioning Cloud of Energy,*” SmartGridComm 2015, **Best video award.**
- L. Sharifi, F. Freitag, L.Veiga, “*Combing Smart Grid and Community Clouds: next generation integrated service platform,*” SmartGridComm 2014.
- L. Sharifi, N. Rameshan, F. Freitag, L.Veiga, “*Energy Efficiency Dilemma: P2P-cloud vs. Datacenter,*” CloudComm 2014, **Best paper candidate.**

Journals

- L. Sharifi, J. Simao, N. Rameshan, F. Freitag, L.Veiga, “*A Framework to Analyse Energy Effectiveness in P2P-assisted Cloud Ecosystems*” Submitted to IEEE Transactions on Cloud Computing, **Invited paper.**
 - L. Sharifi, L. Cerdà-Alabern, F. Freitag, L. Veiga,” *Energy Efficient Cloud Service Provisioning: Keeping Data Center Granularity in Perspective,*” Journal of Grid Computing, Springer, 2016.
 - L. Sharifi, S. Khorsandi,” *A Popularity-based Query Scheme in P2P Networks using Adaptive Gossip Sampling ,*” in P2P Networking and Applications, Springer, 2013.
-

Contributions to the Community

- Reviewer in Journal of Grid Computing, special issue on Green Cloud Computing, 2015.
 - Sub-reviewer in Middleware 2014.
 - Reviewer in N2Woman 2014, in conjunction with SIGCOMM 2014.
 - Reviewer in SmartGridComm 2014.
 - Reviewer in SUSCOM, special issue on Energy-Aware Resource Management and Scheduling (EARMS), 2014.
 - Reviewer in 1st national workshop on cloud computing, Tehran, Iran, 2012.
-

Teaching Experience

- Lecturer of Computer Networks, BSc Course, Urmia University of Technology, *Winter, Fall 2012.*
- Lecturer of Technical English, BSc Course, Urmia University of Technology, *Winter, Fall 2012.*
- Lecturer of Fundamentals of Multimedia Systems, BSc Course, Urmia University of Technology, *Spring, Fall 2011, Fall 2012.*

- Lecturer of Network Lab, BSc Course, Urmia University of Technology, *Fall 2011*.
 - Lecturer of Fundamentals of System Simulation, BSc Course, Urmia University of Technology, *Spring 2011*.
 - Teaching Assistant of Advanced Computer Networks, Amirkabir University of Technology, *Spring 2010,2011*.
 - Teaching Assistant of Network Security, Amirkabir University of Technology, *Fall 2009*.
-

Work Experience

- Barcelona Supercomputing Center, Intern, June 2015 - December 2015.
 - INESC-ID - Researcher in distributed systems group- Lisbon, Portugal. From February 2013- present.
 - Urmia University of Technology- Cloud Lab Senior Researcher. November 2012- February 2013.
 - Urmia University of Technology- Lecturer. February 2011- February 2013.
 - Amirkabir University of Technology_ Research Center, Researcher in Revising the Regulations of national Internet Bandwidth Project- Communication Regulatory Authority. *September 2011- May 2012*.
 - Iran Telecommunication Company_ Data Maintenance Center, Intern. *Spring 2006*.
 - Iran Telecommunication Company_ Design and Development Center, Intern. *Summer 2006*.
-

Technical Experience

- Programming languages: C++, C, Python, Java, Pascal.
 - Practical experience with OpNet (Network Simulator).
 - In depth practical experience with PlanetSim (P2P network simulator) and CloudSim (Cloud System simulator).
 - Familiarity with Cisco routers.
-

Honors and Grants

- SmartGridComm 2015 student video competition winner.
- ICT-energy summer school 2015 Grant.
- Groningen energy summer school 2014 Travel Grant.
- N2Woman Travel Grant for SIGCOMM 2014.
- Erasmus Mundus (EMJD-DC) Fellowship award 2012, <http://emjd-dc.eu>.
- IPM PhD Scholarship award 2013.
- Special PhD Entrance Award for Honored Students at Amirkabir University of Technology, September 2012.
- Ranked 20th among around 10,000 participants in the national matriculation (M.Sc. degree).

- Ranked 723rd among around 500,000 participants in the national matriculation (B.Sc. degree).

Languages

- Persian (Bilingual proficiency)
 - Turkish (Bilingual proficiency)
 - English (IELTS Band Score 7)
 - Arabic (Familiar)
 - Spanish (Basic)
-