

Dr. Ahmed Masri

Telecommunication Engineering Department, An-Najah National University, Nablus, Palestine
Mobile: +970568756022, E-mail: ahmed.masri@najah.edu

CURRENT POSITION

Assistant Professor at Telecommunication Engineering Department, An-Najah National University, January 2013 – Present

EDUCATION

- ❖ **PhD.** Design and Performance Evaluation of Cognitive Radio Networks, Politecnico di Torino, Italy, January 2009 – December 2012
- ❖ **MSc.** Wireless systems and Related Technologies, Politecnico di Torino, Italy , September 2007 – September 2008, GPA: 92.0% top one
- ❖ **BSc.** Computer Engineering, An Najah National University, Palestine, 2002 – 2007, GPA: 90.4%
- ❖ **Honor's college**, An Najah National University, Palestine, 2005 – 2007, GPA: Top one

WORK EXPERIENCE

- ❖ **Project Coordinator**
Recently, I won a 35000\$ research fund under the project proposal "Internet Over TV Spectrum (White Spaces)".
Project duration: 1/2/2014 -- 30/1/2016.
- ❖ **Visiting researcher**
"Mobile Call Details Record (CRD) Analysis"
Jyvaskyla – Finland. May 2014 - July 2014
- ❖ **Visiting researcher**
Cognitive Radio networks:
 1. Power saving and performance evaluation of overlay cognitive radio
 2. Outdoor DVB-T spectrum measurements for cognitive radioAalto University, Espoo – Finland. March 2011 - October 2011
- ❖ **Researcher and software developer**
Enhanced radio resource management in Evolved-UTRA (LTE):
 1. Rethink and redesign the inter-cell RRM and inter-cell interference cancellation
 2. Studying the performance and limitations/constraints introduced by 3GPP LTE of release-8 specification
 3. Software "simulator" developer using C++Telecom Italia Labs, Torino – Italy. June 2008 - December 2008

❖ **IT administrator and teaching assistant**

1. Teaching and management tasks
2. Technical support including testing and maintaining the network functionality

The Korean Palestinian institute for information technology at an-Najah University,
Nablus – Palestine

TEACHING EXPERIENCE

- ❖ Information Theory and Channel Coding
- ❖ Special Topic in Communications "Cognitive Radio"
- ❖ Electromagnetic I
- ❖ Communication Principles
- ❖ Communication and Signal Processing
- ❖ Electric Circuit Analysis I
- ❖ Electric Circuit Analysis II
- ❖ Electronics I
- ❖ Supervise graduation projects.
- ❖ Circuits and Electronics lab
- ❖ Communication lab

COMPUTER SKILLS

- ❖ Windows and Linux operating systems
- ❖ Microsoft Office packages
- ❖ Network Simulations (Omnet++)
- ❖ A+ Certification
- ❖ Strong programming skills using C and C++

AWARDS

- ❖ Visiting researcher grant 2014
 - ❖ Research grant of around 35000 \$ (2014-2016)
 - ❖ Full Politecnico di Torino PhD scholarship (2009-2012)
 - ❖ TopMed 2nd level master scholarship (2007-2008)
 - ❖ Honour's college at an-Najah national University (2005-2007)
 - ❖ Full Hani Qadomi B.Sc scholarship (2002-2007)
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LANGUAGES

- ❖ Arabic: Mother tongue
- ❖ English: Fluent
- ❖ Italian: Intermediate
- ❖ Finnish: Certified A2.1

PUBLICATIONS

Conferences and Workshops

1. Ahmed Masri, Carla-Fabiana Chiasserini, Claudio Casetti, Alberto Perotti, "Common Control Channel Allocation in Cognitive Radio Networks through UWB Multi-hop Communications", The first Nordic Workshop on Cross-Layer Optimization in Wireless Networks, 04/2010, Levi, Finland. [Invited paper]
2. Ahmed Masri, Carla-Fabiana Chiasserini, Alberto Perotti, "Control Information Exchange through UWB in Cognitive Radio Networks", IEEE International Symposium on Wireless Pervasive Computing conference (IEEE ISWPC), 05/2010, Modena, Italy.
3. Ahmed Masri, "Novel Overlay Data Transmission Technique in Cognitive Radio Networks", 12th IEEE International Symposium on a World of Wireless, Mobile and Multimedia Networks (IEEE WoWMoM-PhD forum), 06/2011, Lucca, Italy.

Journals

1. Ahmed Masri, Carla-Fabiana Chiasserini, Claudio Casetti, Alberto Perotti, "Control Information Exchange through UWB in Cognitive Radio Networks", The Korean journal of communications and networks, Impact Factor: 0.82, 09/2012
2. Ahmed Masri, , Saed Tarapeh, Yousef Dama "Secondary Users Power Saving in Overlay Cognitive Radio Networks", International Journal of Computer Applications (Impact Factor: 0.82). 01/2014; 86(7):1-5. DOI: 10.5120/14994-2788
3. Saed Tarapiah, Shadi Atalla, Ahmed Masri, "Analysis the Performance of Network Coding for Ad Hoc Networks in Realistic Simulation Scenarios", International Journal of Computer Applications (Impact Factor: 0.82). 01/2014; 85(10):13-20. DOI: 10.5120/14875-3253