

Dr. Ahmed Masri

Communication Engineering Department, An-Najah National University, Nablus, Palestine
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CURRENT POSITION

Assistant Professor at Communication 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

- ❖ **Visiting researcher**
Research in the area of cognitive radio networks:
 1. **Power saving and performance evaluation of overlay cognitive radio**
 2. **Outdoor DVB-T spectrum measurements for cognitive**
Aalto 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

ADDITIONAL CAREER EXPERIENCE

- Technical program committee member/reviewer in several international IEEE conferences, such as, IEEE PIMRC12 (PHY and MAC), IEEE ISWTA12 and IEEE ASPACE12

COMPUTER SKILLS

- Windows and Linux operating systems
 - Microsoft Office packages
 - Network Simulations (Omnet++ and Ns2)
 - A+ Certification
 - C# Certification
 - ASP.NET Certification
 - Strong programming skills using C, C++ and Matlab
 - Projects Planning and Scheduling software (i.e. Primavera)
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Technical Skills

1. Strong experience in computer, wireless and cellular systems and networks
 2. Strong background in analog and digital electronics, embedded systems, and computer architecture
 3. Excellent Linux and Windows operating systems skills
 4. Strong programming and debugging skills (C/C++, matlab, ...)
 5. Strong personal, Interpersonal, communication and public relations skills
 6. Excellent teaching skills
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AWARDS

1. Full Hani Qadomi B.Sc scholarship (5 years)
 2. Honour's college at an-Najah national University
 3. TopMed 2nd level master scholarship (1 year)
 4. Full Politecnico di Torino PhD scholarship (3 years)
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COURSES TAUGHT:

BACHELOR COURSES- On going:

- Communications and Signal Processing
- Electronics
- Circuits and Electronics labs
- Communications lab

PUBLICATIONS

International 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, April/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), May/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), June/2011, Lucca, Italy.
4. Ahmed Masri, , Carla-Fabiana Chiasserini, Jari Nieminen, Riku Jäntti "Secondary Users Power Saving in Overlay Cognitive Radio Networks", [In finalization process, 2013]

REFEREED Journals

1. Ahmed Masri, Carla-Fabiana Chiasserini, Claudio Casetti, Alberto Perotti, "Control Information Exchange through UWB in Cognitive Radio Networks", [Published in the Korean journal of communications and networks for publication, Sep/2012]
2. Ahmed Masri, Jussi Salmi, "Low Rate/Medium Range Ultra-Wide Band Radio for Common Control Channel in Cognitive Radio Networks Under Realistic Propagation Conditions", [In finalization process, 2013]

Languages

Arabic: Mother tongue

English: Fluent

Italian: Intermediate

Finnish: Certified A2.1

References

Available upon request
