Dr. Ahmed Masri

Telecommunication Engineering Department, An-Najah National University, Nablus, Palestine

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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**
  Internet Over TV Spectrum (White Spaces) project
  Project duration: 1/2/2014 -- 30/1/2016.

- ❖ **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 radio
  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

TEACHING EXPERIENCE

- ❖ Information Theory and Coding
- ❖ Special Topic in Communications "Cognitive Radio"
- ❖ Communication Principles
- ❖ Electromagnetic I
- ❖ Circuit Analysis I
- ❖ Circuit Analysis II
- ❖ Electronics I
- ❖ Circuits and Electronics labs
- ❖ Communications lab

AWARDS

- ❖ Full Hani Qadomi B.Sc scholarship (2002-2007)
- ❖ Honour's college at an-Najah national University (2005-2007)
- ❖ TopMed 2nd level master scholarship (2007-2008)
- ❖ Full Politecnico di Torino PhD scholarship (2009--2012)
- ❖ Zamaleh visiting researcher grant 2014

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, 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, Yousef Dama, Allam Musa, Falah Hasan, 'Distributed Synchronization Protocol For Secondary Overlay Access In Cognitive Radio Networks", IEEE Sixth International Conference on Internet Technologies & Applications (IEEE ITA15-EERT), 2015, At Wrexham, North Wales, UK.

5. Yousef Dama, Ahmed Masri, Raed Abd-Alhameed, Hidaya Ghannam,"RSSI Evaluation for Multi-story Building", IEEE Sixth International Conference on Internet Technologies & Applications (IEEE ITA15-EERT), 2015, At Wrexham, North Wales, UK.

6. Ahmed Masri," The Effects of Digital Divide on the Palestinian Modern Life", The Economics of Modern Cities conference, Palestine-Nablus, April/2016.

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, Sep/2012.

2. Ahmed Masri, Saed Tarapiah, Yousef Dama, "Secondary User Power Saving in Overlay Cognitive Radio Networks", International Journal of Computer Applications (0975 8887) 84, 2014.

3. Saed Tarapiah , Shadi Atallah, Ahmed Masri, "Analysis the Performance of Network Coding for Ad Hoc Networks in Realistic Simulation Scenarios", International Journal of Computer Applications 85 (10), 13-20, 2014.