

Yanal Faouri

PERSONAL INFORMATION INFORMATION

Nationality: Jordanian
Date of Birth: July 13, 1985
Place of Birth: Amman
Gender: Male
Marital Status: Married

CONTACT

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EDUCATION

- June 2014** King Fahd University of Petroleum & Minerals
Ph.D. in Electrical Engineering
Graduating with GPA is “3.469” out of “4.00” (rated Very Good)
- June 2010** King Fahd University of Petroleum & Minerals
Master Degree in Electrical Engineering
Graduating with GPA is “3.90” out of “4.00” (rated Excellent)
- June 2007** University of Jordan, Amman, Jordan
B.Sc. Degree in Electrical Engineering
Graduating with GPA of “3.17” out of “4.00” (rated Very Good)
- July 2003** High school (Tawjihi) with an average of “89.3” out of “100”

AWARDS and HONORS

- Exceptional Teaching Award for the year 2012/2013 from KFUPM
- Full MS and PhD scholarships from KFUPM

RESEARCH EXPERIENCE

Faculty Member at University of Jordan
September 2015 – Present

Assistant Professor at Philadelphia University
July 2014 – September 2015

Lecturer at King Fahd University of Petroleum and Minerals (KFUPM)
Sept. 2010 – June 2014

DISSERTATION: “Microwave Technique for Monitoring Fluid Level in the Horizontal Petroleum Carrying Pipeline”

Advisor: Dr. Sheikh S. Iqbal

Co-advisor: Professor Hassan A. Ragheb

(Part of the dissertation has been published and the remaining parts will follow in the coming few months)

Research Assistant at King Fahd University of Petroleum and Minerals (KFUPM)
Feb. 2009 – Aug. 2010

THESIS: “Design of an LTE Antenna for Mobile Communication”

Advisor: Dr. Sheikh S. Iqbal

Co-advisor: Dr. Mohammed S. Sharawi

(Most of the thesis has been published as IEEE papers (see publication list))

Design Engineer at King Abdullah II Design and Development Bureau (KADDB)
March 2008 – Jan. 2009

(Design and Fabricate several PCBs for many electrical and electronics devices)

RESEARCH INTERESTS

- Computational Electromagnetics
- Applied Electromagnetics
- Microwave integrated Circuits
- Optical Fiber Communication

TEACHING EXPERIENCE

Courses:

- Electrical Circuits
- Electromagnetics
- Electrical Machines
- Antenna and wave propagation

Laboratories:

During my graduate studies in KFUPM, I have taught several laboratories in the electrical engineering department

- Electromagnetics
- Microwave Engineering
- Advanced Electrical Circuits
- Electrical Circuits
- Fundamentals of Electrical Circuits (Non EE Students)

SKILLS

- Use a wide range of tools, techniques, and equipment (including software) appropriate to their specific discipline
- Use laboratory and workshop equipment to generate valuable data
- Develop, promote and apply safe systems of work
- Communicate effectively, using both written and oral methods
- Use Information Technology effectively
- Manage resources and time
- Work in a multi-disciplinary team
- Undertake lifelong learning for continuing professional development

PUBLICATIONS

- [1] Faouri, Y.S.; Ragheb H.A.; Iqbal, S.S., "Cutoff Properties of a Circular Waveguide Loaded with Two Eccentric Dielectric Cylinders," *Electromagnetics* Vol. 35, Iss. 2, pp.112,123, Jan. 2015
- [2] Faouri, Y.S.; Ragheb H.A.; Iqbal, S.S., "Cutoff Wavenumbers of a Two Eccentric Dielectric Cylinders Loading a Circular Waveguide," *The 30th International Review of Progress in Applied Computational Electromagnetics (ACES)*, 23-27 March 2014
- [3] Sharawi, M.S.; Iqbal, S.S.; Faouri, Y.S., "An 800 MHz 2, \times , 1 Compact MIMO Antenna System for LTE Handsets," *IEEE Transactions on Antennas and Propagation*, vol.59, no.8, pp.3128,3131, Aug. 2011
- [4] Faouri, Y.S.; Sharawi, M.S.; Iqbal, S.S., "Design of an LTE Antenna for Mobile Communication," *The 2nd Scientific Conference for Higher Education Students*, 28-31 March 2011
- [5] Sharawi, M.S.; Faouri, Y.S.; Iqbal, S.S., "Design and fabrication of a dual electrically small MIMO antenna system for 4G terminals," *Microwave Conference (GeMIC), 2011 German*, vol., no., pp.1,4, 14-16 March 2011

[6] Sharawi, M.S.; Faouri, Y.S.; Iqbal, S.S., "Design of an electrically small meander antenna for LTE mobile terminals in the 800 MHz band," GCC Conference and Exhibition (GCC), 2011 IEEE , vol., no., pp.213,216, 19-22 Feb. 2011

BOOKS

[7] Yanal Faouri, "Design of an LTE Antenna for Mobile Communications: Fourth Generation", VDM Verlag, 2010

REFERENCES

- Dr. Sheikh S. Iqbal
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