

MUHAMMAD ZUBAIR

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Deptt. Of BioEngineering
Imperial College London, UK

RESEARCH INTERESTS Medical Imaging, HIFU, Synthetic Aperture beamforming

EDUCATION

- 2015 – 2018 **PhD in Bioengineering**
Department of Bioengineering, **Imperial College London**, UK
(In Progress)
- 2006 – 2007 **MSc. in Information and Communications Engineering**
Department of Engineering, **University of Leicester**, UK
- 2001 – 2005 **BS in Computer Engineering**
Electrical Engineering Department, **CIIT Islamabad**, PK

HONORS AND AWARDS

- Fully funded Merit scholarship for PhD (2015)
- Research Productivity Award (2013)
- Fully funded Merit scholarship for Masters studies (2006)

PROFESSIONAL EXPERIENCE

- Worked as Assistant Professor (Apr 2011 – Jun 2015) and Lecturer (Dec 2007 – Mar 2011) at COMSATS Institute of IT (CIIT). Main responsibility was to conduct lectures & Labs. Subjects taught include Electromagnetic theory, Physics, Antennas & Radio Propagation, Electronics and Maths.
Additional responsibilities included *Incharge* Microwave and Communications lab, *Member* Disciplinary Committee & Proctorial Board and *Students Counselor*, *Coordinator Teaching Quality Assurance(TQA)*, *Incharge* Undergraduate program (Computer Engineering).
- Worked as Research Associate at CIIT (Feb 05 – Oct 06). Responsibilities were to conduct labs and supervised different student projects.
- Worked as Traininig Internee at Institute of Communication Technolgies (ICT) Islamabad (Mar 2004- May 2004).

PUBLICATIONS

- Zaffar Haider, **Muhammad Zubair**, Shahid A. Khan, Izhar-ul-Haq, *A Performance Comparison of DS-UWB Rake Receivers for different environments*, PRZEGLAD ELEKTROTECHNICZNY, ISSN 0033-2097, R. 88 NR 8/2012, pp. 220-223.
- **Muhammad Zubair**, Zaffar Haider, Shahid A. Khan, Jamal Nasir, *Atmospheric Influences on Satellite Communications*, PRZEGLAD ELEKTROTECHNICZNY, ISSN 0033-2097, R. 87 NR 5/2011, pp. 261-264.
- K.S. Alimgeer, Z. Qamar, Muhammad Zubair, R.M. Hashmi, *Parametric Trend Analysis of Miniature Slotted Antenna with Dual-Band characteristics*, IEEE CONATEL 2011, May 17-20, 2011, Peru.

CERTIFICATES and Workshops

- Certificate in *Students counselling for teachers* (2012)
- Certificate in *Teaching and Assessment strategies* (2009).
- Postgraduate certificate in Higher Education, awarded by CIIT, Islamabad (2006).
- Attended various workshops on *Teaching and Learning*, London (2015)
- DBS certificate (2015).

REFERENCE

- **Dr. Hammad Omer**
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- **Dr. Robert J. Dickinson**
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