DATE

2 April, 2008

PERSONAL DATA

Name: **Abdulmohsen Alheraish**

Business Address:

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EDUCATION

{King Saud University}

Year	Degree	Faculty	Field
1985	B.Sc.	Engineering	Electrical Engineering

{University of Columbia-Missouri}

Year	Degree	Faculty	Field
1989	M.Sc.	Engineering	Electrical Communication Engineering

{Strathclyde University}

Year	Degree	Faculty	Field
2000	Ph.D.	Engineering	Electrical Communication Engineering

CURRENT POSITION

Associate Professor, Electrical Engineering Department, King Saud University, Riyadh, Saudi Arabia

POSITIONS HELD

ACADEMIC - KING SAUD UNIVERSITY, RIYADH, SUDI ARABIA

Electrical Engineering Department

1. Associate Professor (2005-present)

ACADEMIC - KING SAUD UNIVERSITY, RIYADH, SUDI ARABIA

Department of Engineering Department

1. Assistance Professor (2000-2005)
2. Teaching Assistance Professor (1989-1996)

PROFESSIONAL MEMBERSHIPS

- IEE
- IEEE

PUBLICATIONS

- Refereed Journal Papers (10)
- Award Winning Conference Papers (1)
- Conference Papers (14)
- Book Contributions (1)
- University Technical Reports (3)
- University (Research Funded) Project Final Reports (3)

ACADEMIC SUPERVISION

GRADUATE/UNDERGRADUATE SUPERVISION

M.Eng. & M.Sc. Programs: 3 students
Graduation Thesis & Summer Projects: 15 students

GRADUATE/UNDERGRADUATE EXAMINATION & SUPERVISORY COMMITTEES

Ph.D. & M.Eng. Defense Committees: 3 students
B.Sc. Thesis Examination Committees: 25 students

RECENT R&D FUNDED CONTRACTS

1. Neural Network Architectures for MPEG Video Traffic Prediction
   King Saud University Research Center, Nov, 2004
2. AR-Based Quadratic Modeling for GOP MPEG-Encoded Video Traffic in ATM Networks
   King Saud University Research Center, Oct, 2003

RECENT PUBLICATIONS

Journal Papers

1. A. Alheraish, "Design and Implementation of Home Automation system," *IEEE Transactions on Consumer Electronics*, Vol. 50, No. 4, pp. 1087-1092, Nov, 2004. (USA)
2. A. Alheraish, "Autoregressive video conference models," *International Journal of Network Management*, Vol. 14, No. 5, pp. 329-337, Sept-Oct, 2004. (UK)
3. A. Alheraish, S. Alshebeli, and T. Alamri, "A GACS modeling approach for MPEG video broadcast," *IEEE Transaction On Broadcasting*, Vol. 50, No. 2, pp. 132-141, June, 2004. (USA)

Conference Papers

4. A. Alheraish and S. Alshebeili, "A Gamma source model for full motion video using non-linear systems," *IEEE 10th International conference on Electronics, Circuits, and Systems (ICECS 2003),* Dec, 2003, Sharjah, UAE.
5. A. Alheraish and A. Abdennour, "Assessment and comparison of Neural networks techniques for MPEG-4 video traffic prediction," *First International Conference on Modeling, Simulation and Applied Optimization (ICMSAO 2005),* Feb, 2005, Sharajh, UAE.
6. A. Alheraish, W. Alomar, M. Abu-Al_Ela "Remote PLC system using GSM network with application to home security system", 18th National Computer Conference, March, 2006 Riyadh, Saudi Arabia