

# Hesham Muhammad Al-Salman

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- Research Interests** Computer Networks, Wireless Communication Systems, Space-Time Coding, Image Transmission.
- Experience and Research**
- Dec 2003 – Till present EE Department KFUPM  
**Lecturer**
- Taught several EE Laboratory courses.
  - Coordinated several EE Laboratory courses.
- Mar 1999 – Dec 2003 EE Department KFUPM  
**Graduate Assistance**
- Taught several EE Laboratory courses.
- Sep 2001 – Dec 2003 EE Department KFUPM  
**Academic Counselor**
- Served as a part time counselor in the Counseling and Advising Center.
- Summer 1998 JSTD Saudi Aramco  
**Electrical Engineering Trainee**
- Worked on 9<sup>th</sup> Street and the Process Simulator Projects.
- Education**
- 1999–2003 KFUPM Dhahran
- Language of the Masters program: English.
  - MS degree in Electrical Engineering on June 2003.
  - Thesis entitled 'Application of Space-Time Trellis Codes for Image Transmission Over Wireless Channels'.
- 1994–1998 KFUPM Dhahran
- Language of the BS program: English.
  - BS in Electrical Engineering on December 30, 1998.
  - Graduated with Highest Honors.
  - Number of semesters completed with Honors 9 out of 9.
- 1991–1994 Jalajil Secondary School Jalajil, Riyadh Region
- Completed by the end of Spring 1994.
  - Grades Percentage 97.5%.
- Publications**
- Till Dec 2003
- Hesham M. Al-Salman and Saud A. Al-Semari, "Distance Properties of Space-Time Trellis Codes", *International Symposium of Wireless Systems and Networks (ISWSN'03)*, Dhahran, March 2003.
  - Hesham M. Al-Salman and Saud A. Al-Semari, "Multidimensional Distance Properties of Space-Time Trellis Codes", *Arabian Journal of Science and Engineering*, Accepted, 2003.

- Hesham M. Al-Salman and Saud A. Al-Semari, "Space-Time QPSK Trellis Codes With Unequal Error-Protection Properties", *European Wireless (EW'04)*, Accepted, Feb 2004.
- Hesham M. Al-Salman and Saud A. Al-Semari, "Design of Space-Time QPSK Trellis Codes With Unequal Error-Protection Properties", International Conference on Communications (ICCS 2004), Submitted, April 2004.

**Personal  
Background**

Grew in Jalajil, a small town in Riyadh Region. Fluent in English and Arabic: reading, writing and speaking.

**Web links**

- For my Thesis abstract and other information please visit the following link at KFUPM library:

<http://www.kfupm.edu.sa/library/theses/AbstDetails.asp?slnum=A%201.S2563&caid=114>

- For copies of my published papers please visit the following link in my website:

<http://faculty.kfupm.edu.sa/ee/alsalman/research.htm>

- For other information please visit my website:

<http://alsalman.net>

**References**

Several references are available upon request.