

ACADEMIC VITAE

PERSONAL INFORMATION

Name Ayman Abdallah Allawama
Nationality Jordanian
E-Mail lawama@mutah.edu.jo

EDUCATION

1988-1994 B.Sc. Degree in Electrical Engineering/ Instrumentation and Electronic Equipments. Kiev International University of Civil Aviation, Kiev,Ukraine.
1995-1999 PhD in Avionic Systems. Title of the dissertation: The Mathematical Modeling and Computational Methods for Investigation of the failure possibility of Avionic Systems and Electronic Equipments. Kiev International University of Civil Aviation, Kiev,Ukraine.

ACADEMIC EXPERIENCE

2000-2008 Assistant Professor at Department of Electrical Engineering, Mutah University, Jordan.[Full time].
2008-2011 Associate Professor (B) at Department of Electrical Engineering, Mutah University, Jordan. [Full time].
2011-2012 Lecturer at Royal Commission for Jubail and Yanbu at Yanbu Industrial College, Department of Electronics and Instrumentation, Saudi Arabia.
2013-Now Associate Professor (A) at Department of Electrical Engineering, Mutah University, Jordan. [Full time].

NONE-ACADEMIC EXPERIENCE

1994-1995 Electronics Engineer/ trainer at Royal Jordanian Airlines/ Amman

MEMBERSHIPS

1994--Now Jordan Engineering Association.
2002-Now EDAS Membership.

HONORS & AWARDS

1988 Scholarship by Ministry of Higher Education for B.Sc. Degree.

SERVICE ACTIVITIES

2003-2005 Dean Assistant at Department of Electrical Engineering, Mutah University, Jordan.
2008-2010 Head of Electrical Engineering Department at Department of Electrical Engineering, Mutah University, Jordan.
2013-2016 Head of study plan committee

IMPORTANT PUBLICATIONS

- Ayman Al-Lawama, "The Effect of Element Failure of Aerodrome Light Signal Complexes on Pilots' Psycho-Physiological State", Journal of Applied Sciences, Volume (2) 2004.
- Ibrahim Rida, Ayman Al-Lawama, Abdullah Al-Odienat, "Overview of wind energy potential for water desalination in Jordan". International Engineering Conference –Mutah 2004. 26-28 April 2004, Mutah University, Jordan.
- Al qawasmi, Ayman Al-Lawama, "Storing digital data using zero-compression method" . Photonics Applications in Astronomy, Communications, Industry, and High-Energy Physics Experiments IV, International Society for Optical Engineering (SPIE). Vol. 6937 ,2007. USA.
- Odienat .A, Ayman Al-Lawama, "The Advantages of PID Fuzzy Controllers over the Conventional Types". American Journal of Applied Sciences, Science Publications, 5 (6): 653-658, 2008, New York, USA.
- Abdel-Rahman Al-Qawasmi, Ayman Al-Lawama "The Effect of Amplitude Fades on a Forward Transmission System Using DS CDMA" , Microwaves, Radar and Remote Sensing Symposium, 2008. MRRS 2008 IEEE MRRS-Ukraine 22-24-May ISBN: 978-1-4244-2688-1
- Ayman Al-Lawama, Abdel-Rahman Al-Qawasmi and Omar Al-Ayasrah . " optimum Control Using Signal Processing in Integrated Aerospace Navigation Systems", Word Scientific and Engineering Academy and Society; WSEAS Transactions on Communications ISSN: 1109-2742, 11(7) November 2008.
- Al-Qawasmi, Omar Al-Ayasrah and Ayman Al-Lawama " Forward Transmission over a Multipath Faded Channel in a DS CDMA System" Word Scientific and Engineering Academy and Society; WSEAS Transactions on circuits and systems. ISSN: 1109-2734 ,2008.
- Ayman Al Lawama , Yanovsky.F . "Flight Safety: Passive Measurement of the Distance to Lightning Source from an Airplane". 2nd International Workshop on Intelligent Transportation (WIT 2005), Hamburg, Germany.
- Larin .F, Ayman Al Lawama, Tunik.A. "Exogenous disturbance compensation with static output Feedback". Journal of Applied and Computational Mathematics, Baku state University, Volume3, Number 2, 2004..
- Ayman Al Lawama. "Processing of atmospheric signals to extract the lightning range". Photonics Applications in Astronomy, Communications, Industry, and High-Energy Physics Experiments IV. International Society for Optical Engineering. SPIE Volume: 6159 Part 1, 2006. USA.
- Abdel-Rahman Al-Qawasmi, Ayman Al-Lawama "The Stabilization of AC Voltage: The need for Stabilization ,its Special Feature, Some Design Aspects" International Journal of Resent Trends in Engineering, Vol.2 .No. 1, (pp 249-253), Nov 2009 Academu publisher with ACEEEISSN1797-9617.