

السيرة الذاتية

١. المعلومات الشخصية	
الاسم	د. أيمن عبد الله سليمان اللواما
الجنسية	أردني
معلومات الاتصال	قسم الهندسة الكهربائية-جامعة مؤتة-الكرك-الاردن

٢. المؤهلات العلمية				
التخصص	الدولة	السنة	الجامعة	
هندسة كهربائية	كيف-اوكرانيا	1994	جامعة كيف الدولية للطيران المدني	البكالوريوس
				الماجستير
هندسة كهربائية	كيف-اوكرانيا	1999	جامعة كيف الدولية للطيران المدني	الدكتوراه

٣. الاهتمامات البحثية والتدريسية	
الهندسة الالكترونية و اجهزة الطيران المدني	

٤. المنشورات	
أ. الكتب	

ب. الابحاث				
العنوان	المجلة	تاريخ النشر	العدد والمجلد	الصفحات

1- 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.
2- 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.
3- Ayman Al-lawama , Odienat .A , "Models for Mixed Ensemble of Hydrometeors and Their Use in Calculating The Total Random Cross Section of a Resolution Volume Filled by Random Scatterers" . American Journal of Applied Sciences. Science Publications, 2008, New York ,USA .
4- 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
5- 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.
6- 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
7- 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.
8- 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
9- 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
10- 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.
11- 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

٥. براءات الاختراع