





## PERSONAL INFORMATION

## Khaled Ilaiwi



 An-Najah National University, Nablus - Palestine  
 +970 599 743 944  
 Khaled.ilawi@najah.edu; khaled.ilawi@gmail.com  
 <http://www.najah.edu>

Sex Male | Date of birth 01/07/1959 | Nationality Palestinian

## EDUCATION AND TRAINING

- 1991 **Doctor of Philosophy in Physics** PhD: Solid State Physics  
Middle East Technical University, Ankara (Turkey)  
Bulk and Low dimensional semiconductor. Thesis Title:  
"Photo ionization and polarization in bulk and low dimensional semiconductors"
- 1985 **Master of Science in Physics (Solar Energy)** MSc.: Theoretical work on Solar Energy  
Middle East Technical University, Ankara- Turkey  
Thesis Title: " Thermal and optical properties of a solar air collector equipped with tilted fins"
- 1982 **Bachelor of Science in Physics**  
An-Najah National University, Nablus, Palestine

## WORK EXPERIENCE

- 2010–Present **Academic Staff**  
An-Najah University, Nablus - Palestine
- Associate Professor in Physics, teaching physics for undergraduate and graduate levels, as well as carrying out research in Solid State Physics.
  - *Director of Scholarships and Professional Office (2010-2014)*
  - *Director of Projects Unit (2010-2014)*
  - *Erasmus Mundus Coordinator (2010-2014)*
- 2000–2010 **Academic Staff**  
Arab American University, Jenin - Palestine
- Associate Professor in Physics, teaching physics for undergraduate level. As well as carrying out research in Solid State Physics. (2000-2010)
  - Dean Of Students (2000-2002)
  - Vice President for Academic Affairs (2002-2005), (2006-2007)
  - Physics Chair (2007-2010)
- 10/2005–09/2006 **Senior Planning Expert (Education)**  
World Bank, Ministry of Education and Higher Education, Ramallah, Palestine

- 1997–2000 **Academic Staff**  
 Ministry of Higher Education, (Oman)  
 Associate Professor of Physics : Teaching Physics course for all undergraduate levels.  
 ■ Chair of the Physics Department (1998/1999)
- 1991–1997 **Academic staff**  
 Philadelphia University, Amman (Jordan)  
 Assistant Professor (1991-1996) & Associate Professor (1996-1997)  
 Teaching undergraduate level of Physics and Mathematics .  
 ■ *Dean of Students*: (1993 - 1996)  
 ■ *Chair of Basic Science Department*: Mathematics and Physics
- 1987–1991 **Research Assistant**  
 Middle East Technical University, Ankara (Turkey)

## ADDITIONAL INFORMATION

### Publications

- K.F.Ilaoui, A F Qasrawi, A.Polimeni, "Hydrogen implantation effects on the electrical and optical properties of InSe thin films, Turk J Phys. 36(2012),385-391
- K.F.Ilaoui, A F Qasrawi, N M Gasanly "Optoelectronic properties of Ga4Se3S layered single crystals" , Phys. Scr. 78 (2008) 015701 (4pp)
- K.F.Ilaoui, M.I.El-kawni and M.Tomak"Electronic structure in Modulation Doped Heterostructures: Electric Field Effects", Superlattices and Microstructures, 23, 3(1998).
- K.F.Ilaoui and M.I.El-Kawni"Effect of Electric and Magnetic Fields on the Energy levelsofa Hydrogenic Impurity in GaAs/Gax Al1-x As Heterojunctions" Qatar Univ.Science Journal(1997), 17(2): 225-230.
- K.F.Ilaoui"Screening effects on Polarizabilities of shallow donors and acceptors in Infinite-barrier quantum wells ", Superlattices and Microstructures, 20, 173(1996).
- K.F.Ilaoui"Screening Effect on Polarizabilities of shallow Donors and Acceptors in finite – barrier quantum wells" Phys. stat. sol. b193, 97 (1996) .
- K.F.Ilaoui and M.K.El-Said"Photoionization of Shallow Donor impurities in finite- barrier Quantum Wells", Phys. Stat. Sol. (b) 187, 93 (1995).
- K.F.Ilaoui and M.Tomak"Electron polarization in a quantum wells with uniform electric field", Phys. Stat. Sol. (b) 166, 409 (1991).
- K.F.Ilaoui and M.Tomak"Electron polarization in a parabolic quantum well with uniform electric field", Superlattice and Microstructure, 10, 27 (1991)
- K.F.Ilaoui and M.Tomak"Electron Polarization in a quantum well with uniform electric field", Solid State Commun., 78, 1007 (1991).
- K.F.Ilaoui and M.Tomak"Impurity Photoionization in semiconductor", J. Phys. Chem. Solids, 51, 361 (1990).
- K.F.Ilaoui and M.Tomak"Polarizabilities of shallow donors in finite-barrier quantum wells ", Phys.Rev.B42, 3132 (1990).

### Proceeding Papers

- Electron polarization in a quantum well with uniform electric field, IC/90/293 Trieste-Italy (1990)
- Electron Polarization in Modulation Doped Heterostructures, IC/91/297, Trieste-Italy (1991)
- Photoionization of Shallow Donor impurities in finite-barrier Quantum Wells, IC/94/177, Trieste-Italy (1994)

### Courses Taught

#### Physics

- Physics laboratory (All labs for the first year level).

- Physics for the collage of Sciences 101,102
- Physics for Engineering.
- Physics for Medical students (Dentistry + Pharmacy).
- Modern Physics.
- Classical Mechanics.
- Method of Mathematical Physics I (2nd year) ;
- Method of Mathematical Physics II (3ed year) .
- Method of Mathematical Physics III(4th year)
- Advanced Mathematical Physics (for Master level).
- Electricity & Magnetism (3ed year).
- Computational Physics(4th year )
- Programming and software Packages (4th year) .

**Mathematics**

- Calculus I ; Calculus II ; Calculus III .
- Ordinary Differential Equation.
- Linear Algebra.
- Numerical Analysis

**Conferences**

- International conference on Beam Solid interaction, METU, Ankara-Turkey,24-28, April 1988.
- Research workshop in condensed matter. Atomic and Molecular physics,ICTP,Trieste-Italy, July 15, 1989 - September 10,1989
- Research workshop in condensed matter. Atomic and Molecular physics, ICTP,Trieste-Italy, August 1,1990 - September 7,1990
- Research workshop in condensed matter. Atomic and Molecular physics, ICTP,Trieste-Italy, July 7,1992 - August 15,1992
- First Symposium on the Resent Developments in Computational Condensed Matter Physics, Yarmouk Univ., Irbid-Jordan,16-18 Nov. 1992
- Third Conference on Physics of Condensed Matter (PCM), University of Jordan,Amman-Jordan, 18-21 April 1994
- Research workshop in condensed matter. Atomic and Molecular physics, ICTP,Trieste-Italy, June, 21 - July 17, 1994
- Second Symposium on Computational Condensed Matter Physics, Yarmouk Univ.,Irbid-Jordan 6-8, Nov. 1995
- Joint Research Group "The National High Magnetic Field Laboratory (NHMFL)", Tallahassee, Florida, 25 July-24 August 2001.
- Joint Research Group "Leeds University, Department of electrical and Electronic Engineering ", Feb. 2004, Leeds-UK.Group Leader,: Prof. Paul Harrison.
- Second Physics conference, 7-8 May, 2007, An-Najah National University, Nablus-Palestine.
- Training day on Budget Trade-Off Model (BTM), July 3, 2005, National Institute for Educational Training-Ramallah.
- Workshop "Launching of Tertiary Education Project in Palestine", June 2005, Jericho-West Bank
- Workshop on Palestinian National Strategic Plan for Higher Education, Sep.25, 2005,National Institute for Educational Training, Ramallah-West Bank.
- Workshop on Palestine Education Initiative\Training group, Dec.20/12- 22/12, 2005, Jericho-West Bank.

## Committies and Membership

**Universities**

- Dean's Council Member (both at AAUJ & Philadelphia University for 8 years)
- University Council Member (both at AAUJ & Philadelphia University for 8 years)
- Faculty Council Member (both at AAUJ & Philadelphia University for 4 years)
- Student Fund Committee (both at AAUJ & Philadelphia University)
- AAUJ Promotional Committee Member for Faculty of Arts and Science(AAUJ)
- Chair of Graduation Ceremony Committee (Philadelphia University for two years)
- AAUJ Inaugural Ceremony Committee (Chair)
- Senior member of "Graduation Ceremony Committee" (AAUJ for two years)
- Chair of "Schedule Committee" (AAUJ for Three years)
- Chair of "The Academic Curriculum Committee" (AAUJ for three years)
- Senior member of "President Counseling Committee" (AAUJ for 2003-2005)
- Senior member of "Student election Committee" AAUJ.
- Many other Committees (Around 10 committees) both in Philadelphia & AAUJ universities.
- Member of Scholarship committee (NNU) 4 years.
- Member of University Projects committee (NNU) 4 years.
- Many other committees at NNU between 2010-2014.
- Member of Physics Council (2010-present) .
- Member of Academic committee at the physics department (2014-present).

**Ministry of Higher Education**

- Member of Universities Planning Committee formed by MOEHE.
- Member of 5 Year Strategic Plan Committee /HE Sector.