

Curriculum Vita

Name:

NASEEM TALEB AHMAD SHAWAGFEH.

Address :

Department of Basic Sciences,
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Al-Balqa' Applied University,
Amman-11134, Jordan.



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Personal information:

Place and date of birth

Al-Mafraq

Martial status

Married ; Five Children

Current employment

- Department of Basic Sciences, Faculty of Engineering Technology, Al-Balqa' Applied University. /assistant Professor

Academic Qualifications

Doctor of Philosophy

University Of Jordan-Amman, June 2002

* **Dissertation Title:** **Electronic and Magnetic Structure of bcc-Transition Metals Overlayers on Fe(001), First Principles Study.**

Master of Science/Physics

Yarmouk University Irbid, August 1996.

* **Thesis Title :** **Structural and Electronic Properties of FeSi.**

Bachelor of Science/Physics

Yarmouk University Irbid, February 1986.

General Secondary Education

Mafraq Secondary School , Al-Mafraq. 1982.

Certificate /Scientific Stream

Practical Experiences

Department of Basic Sciences, Faculty of Engineering
Technology, Al-Balqa' Applied University.

/ Assistant Professor /

/26/9/2002- /.

Evaluation and Examinations Unit / Al-Balqa' Applied
University.

/The Director/.

/2004-2007/.

Evaluation and Examinations Unit / Al-Balqa' Applied
University.

/The Deputy Director/.

/2002-2004/.

High Schools teacher / Ministry of education

/1986-2002/.

Part time instructor /R.A./ University of Jordan

/2000-2002/.

Part time instructor /T.A./ Jordan University of
Science and Technology.

/1988-1989,1996-1997/

Courses

- Basic physics courses for science, medical sciences, and engineering students.
- Solid state courses: structural, electronic, and magnetic properties.

Practical skills

Excellent skills of computer and programming knowledge; Hardware, and software. This skills includes a good knowledge of the operating systems: *MS-WINDOWS, UINX, LINUX*, and most of the packages included in these operating systems.

Scientific and conferences participations

- SECONED SYMPOSIUM ON COMPUTATIONAL CONDENSED MATTER PHYSICS, *Yarmouk University, Irbid, 6-8 Nov. 1995.*
- FOURTH SYMPOSIUM ON MAGNETICS, *Yarmouk University, Irbid, 6-8 Nov. 2000.*
- THIRD INTERNATIONAL CONFERENCE ON MAGNETIC AND SUPERCONDUCTING MATERIALS, *MONASTIR, Tunisia. Sept. 1-4, 2003.*
- 12th International Workshop on Computational Physical and Materials Science: Total Energy and Force Methods, *13-15 January 2005, ICTP, Trieste (ITALY).*
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Research interests:

- Computational solid state physics.
 1. Solid state Band structure.
 2. Magnetic properties of overlayer systems.
 3. Thermal properties of solid state matter.
- Programming development of scientific packages.

Publications:

- Shawagfeh, N. T., Khalifeh J. M. *Magnetism of Ni overlayer on Fe(111)*, phys. stat. sol. (c) 1, No. 7,1760-1760 (2004).
<http://www3.interscience.wiley.com/cgi-bin/abstract/107639128/ABSTRACT>
- Shawagfeh, N. T., Khalifeh J. M. *Magnetism of Ni-Fe alloyed Overlayer on Fe(001)*, phys. stat. sol. (c) 1, No. 7,1765-1768 (2004).
<http://www3.interscience.wiley.com/cgi-bin/abstract/107639129/ABSTRACT>
- Shawagfeh, N. T.; Khalifeh, J. M. *Electronic and magnetic structures of Ni/Fe(0 0 1) overlayers: first-principles study*. Physica B: Condensed Matter, (2002), 321(1-4), 222-229.
[http://dx.doi.org/10.1016/S0921-4526\(02\)00854-2](http://dx.doi.org/10.1016/S0921-4526(02)00854-2)
- Qteish, A. Shawagfeh, N. *A First Principles Pseudopotential Study of the Compressibility of $\epsilon - FeSi$* , *Solid State Communications*, Vol. 108, No. 1, pp 11-15, 1998.
[http://dx.doi.org/10.1016/S0038-1098\(98\)00306-8](http://dx.doi.org/10.1016/S0038-1098(98)00306-8)
- Shawagfeh, N. T., *Stability and Magnetism of Pure and Alloyed Co Overlayers on Fe(001)*, under preparation.