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PERSONAL INFORMATION:

NAME: Ghada Ahmad Assayed

NATIONALITY: Jordanian

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EDUCATION:

- Master degree in applied Physics from Hashemite University (2005) with an excellent rate. Thesis addresses "*Filamentational Instabilities in Magnetized Plasma*".
- Bachelor degree in Physics from Hashemite University (2003) with a very good rate.

PUBLICATIONS:

1. Adel Shaheen, Mohammad A. Haija, Mariem Chamakh, **Ghada A. I. Assayed**, Fawzi Banat, Ahmad I. Ayesh, *Fabrication and characterization of poly(vinyl alcohol)—Glycerol—Spinel ferrites flexible membranes*, Journal of Applied Polymer science, DOI: 10.1002/app.48821, (2019).
2. M. S. Bawa'aneh, **Ghada Assayed**, M. R. Said and S. Al-Awfi, *Convective Instability of Laser Filamentation in Magnetized Plasma*, Canadian Journal of Physics, Vol. 92 (6), pp. 504 – 508, 2014.
3. M. S. Bawa'aneh, Ahmed M. Al-Khateeb, Sayeed Makkiyil, Saud Al Awfi, Ibrahim Aboalhaol and **Ghada Assayed**, *Microwave absorption in nonuniform plasma with different magnetic field configurations using the magneto-ionic Appleton-Hartree theory*, Proc. Progress In Electromagnetics Research Symposium – PIERS Proceedings, Kuala Lumpur, Malaysia, 27-30 March, pp. 1141-1143, 2012.
4. M. S. Bawa'aneh, **G. Assayed** and S. Al-Awfi, *Filamentation Instability of Electromagnetic Radiation in Magnetized Plasma*, IEEE Transactions on Plasma Science, Vol. 38, No. 5, pp. 1066-1072, (2010).
5. M. S. Bawa'aneh, **Ghada Assayed**, Mouath Shatnawi and Ghassan Alna'washi and S. Al-Awfi, *Multistream instability in two and three species plasmas*, Jordan Journal of Physics, Vol. 2(2), pp. 113 – 123, (2009).

TEACHING EXPERIENCE:

- **Lecturer** (*January 2009 until now*) at physics department in Hashemite university.

Courses: General Physics, Principles of physics, General Physics 1, Computational Physics (FORTRAN Language), Computer-based physics experiments lab, General physics labs 1, General physics labs 2 and General physics labs 3.

- **Teaching assistant** (*September 2005 to December 2008*) at physics department in Hashemite University.

Courses: General physics 1, General physics 2, General physics labs 1, General physics labs 2, General physics labs 3, Advanced physics lab 1, Advanced physics lab 2, Computational physics lab and Computer-based physics experiments lab.

COMPUTER AND SOFTWARE KNOWLEDGE:

- FORTRAN Language.
- Linux.
- VB.net programming.