

Curriculum Vitae

Majd Hammad

(Business Director in Physics Department at Damascus University)

1. PERSONAL INFORMATION

Name : Majd
Surname : Hammad
Father's Name : Ibrahim
Place and date of birth : Damascus 1964
Nationality : Syrian Arab
Specialization : Master of Fine Film Physics (Photonic Crystals).
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Job Title : Damascus - Damascus University - Faculty of Science - Physics Department.

2. QUALIFICATIONS:

1. Certificate of secondary scientific education, Al-Farouk secondary School, Damascus 1984.
2. B. Sc. Certificate from Damascus University in solid-state physics and electronics 1990.
3. Diploma in Physics 1996 from Damascus University .
4. Master degree in Physics 2005 from Damascus University.

3. JOBS AND TEACHING WORK:

1. Administrator at general physics lab. for the first years student in the faculties of science and agriculture.
2. Administrator at geometrical light lab. for the second year of physics students.
3. Administrator at vibrations and waves lab. for the second year physics students.
4. Administrator at vibrations and waves lab. for the second year Chemistry students.
5. Administrator at vibrations and waves lab. for the third geology students.
6. Administrator at physical light lab. for the third year physics students.
7. Administrator at physics lab. for students of the third year physics students.
8. Administrator at solid-state physics lab. for the fourth year physics students.
9. Administrator at Physics / 7 / lab. for the fourth year physics students..
10. Administrator at Physics of Laser Physics lab. for the third year physics students.

4. SCIENTIFIC ACTIVITIES:

a. Books

- 1) The book of practical physics for the First Years, Damascus University Press, Faculty of Science, in collaboration with Mohammed Safouh Al-Mozzalli, Mohammad Tawfiq Sweid, Mohammad Al-Saeed, Kamal Kayed, 2005-2006.
- 2) Waves and vibration practical book for students of the second year physics, publications of the University of Damascus, Faculty of Science, in partnership with Drsham Tarabishi, Dr. Fawzi Awad, Faten Al-Fil, 2006-2007
- 3) The book of practical physics for non-specialists (chemistry-biology-geology, environmental sciences), Damascus University Press, Faculty of Science, in collaboration with Dr. Mahmoud Al-Orabi, Dr. Enayat Al-Zain, Faten Al-Fil, Mohammed Al-Saeed, 2013-2014.

- 4) The book of practical physics - 7 - Solid body physics, University of Damascus Publications, Faculty of Science, Balmslarka with Dr. Fawzi Awad, Dr. Mohammed Abdul Hafiz, Dr. Aziz Zoghbi, Faten Al-Fil, 2013-2014.
- 5) Waves and vibration practical book for second year chemistry students , Damascus University publications, Faculty of Science, in partnership with Dr. Ahmed Al Yahya, Mohammed Al Saeed, Elephant Cat, 2015-2016
- 6) Practical book of physical light (appeared in the form of a laboratory note book) in collaborated with Dr. Fadi Qamar and Faten al-Fil, 2006.

b. Research and Publications:

- 1) The manufacture and characterization of photonic crystals with Dr. Fawzi Awad, Dr. Fawaziyov, Damascus University Journal of Basic Sciences, Volume 21, No. 2, 2005.
- 2) Spectral properties and bands of energy blocked in photonic crystals in collaborated with Dr. Fawzi Awad, Dr. Fawazioff: Tishreen University Journal Basic Science, Volume 29, No. 2, 2007.
- 3) Suggested corrections on the physical properties of multiple thin films of insulating material
- 4) Damascus University Journal of Basic Sciences, Volume 30, No. 2, 2014.
- 5) Calculating Radiation Dosage for Exporters Using the code Tishreen University Journal of Basic Sciences, accepted for publication on 29/6/2016.

c. Conferences:

- Spectroscopic specifications of photonic crystals and energy gap: The second workshop entitled Semiconductor Physics: Syria - Lattakia: 24-26 April 2005.
- Multi-layer membrane shifts from dielectric materials made as single-dimensional photon crystals: Fourth Workshop on Semiconductor Physics: Syria-Lattakia: 20-22 May 2007.
- Change the areas of photosynthesis in plastic lenses with suitable chemical industries: Workshop on semiconductor physics: Syria - Lattakia: 18-20 May 2008.

- The visual spectrum of colored plastic lenses and their activation by laser, the third workshop in laser science and its applications: Damascus - University of Damascus: 20-22 May 2008.

d. Training Courses:

- A training course on the fundamental of lasers and occupational safety rules during the period 2-8 / 7/2012 at the Higher Institute for Laser Research and Applications.

e. Other research work:

- Preparing and establishing scientific laboratories for the first year undergraduate students, under the supervision of Dr. Fakhri Kuttout, Ex-head of Physics Department.
- Participating in the preparation and processing of the second-year laboratory vibration and waves under the supervision of Dr. Fawzi Awad and Dr. Siham Tarabishi.
- Participating in the preparation and processing of the laboratory for the third year physical light under the supervision of Dr. Fadi Qamar.
- Participate in the preparation and processing of the laboratory for the fourth year of solid body physics under the supervision of Dr. Mohamed Abdel Hafiz.