

Curriculum Vitae

1. Personal Data:

- **Name:** Moustafa Shaaban Abdel-moneim Abu hamed
- **Position:** Assistant Professor
- **Department:** Physics & Engineering Mathematics Department
- **Contact:**
 - **Academic E-Mail :** m.shaban@sha.edu.eg
 - **Internal Tel.:** 146
 - **Room:** (108 D)

2. Specialization:

- **General Specialization:** Physics
- **Specific Field** : Computational and theoretical molecular physics

3. Academic Qualifications:

- 1998 B.Sc. (Faculty of Science- Cairo University)
- 2009 M.Sc. (Faculty of Science- Cairo University)
- 2017 Ph.D. (Faculty of Science- Cairo University)

4. Teaching Experience:

- Properties of Matter, Electricity and Magnetism, Optics and Waves, Modern Physics and Laser applications in medicine.

5. Research Interests:

- Computational and Experimental Nuclear Magnetic Resonance technique, Quantum modeling of soft matter physics. Spectroscopic techniques.
- Quantum Dynamic Simulation.

6. Publications (The five most important researches):

1. Laser photochemical targeting of liposome encapsulated drug, 2011 (JMPP)
2. Quantum modeling of NMR parameters of proton exchange in solution (submitted)

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