Mahmoud Gomaa Mahmoud

Curriculum Vitae

Information

Full name Mahmoud Gomaa Mahmod Habieb

Birthdate 7^{th} of Nov. 1986

Gender Male

Nationality Egyptian

Marital status Married

Email mdgomaa@niles.edu.eg

Experience

Positions

2016 – Uptill now **Teaching assistant**, *Department of Laser Sciences and Inteactions, National Institute of Laser Enhanced Science (NILES), Cairo University*.

Education

2016 **Master of Science – laser Interaction with matter** , *Department of Laser Sciences and Inteactions, National Institute of Laser Enhanced Science (NILES), Cairo University*.

2012–2013 **PostgraduatecoursesinPhysics**, *Department of Laser Sciences and Inteactions, National Institute of Laser Enhanced Science (NILES), Cairo University*, **Post graduatecourses are:**

- LaserPhysics
- Laser Interaction with Matter
- Diagnostic Techniques
- Laser Plasma Interaction
- Optical Diagnostics and Imaging.
- Laser Lab
- Selected Topics
- Nonlinear Optics

2004–2008 **BachelorofScience-withmajorinphysics**,*Department of physics, Faculty of Science, Fayoum University* **– *Excellent with honour***

Master Thesis

Title *Synthesis of Graphene and Graphene Oxide by Microwave Plasma and Reduction of Graphene Oxide Using Laser*

Supervisors Assoc. Prof. Dr. Gamal Abdel Fattah Ali

Description *a simple experiment was constructed for rapid synthesize of graphene and graphene oxide (GO) sheets simultaneously using microwave plasma chemical vapor deposition (MWPCVD) technique, and graphene oxide films were irradiated by (808 nm, 6W) Diode Laser for a different irradiation time to reduce it.*

Computer skills

Intermediate Microsoftofficepackage,BasicsofMathematicaandMatlab.

Languages

Arabic **Mother tongue**

English **Good in speaking and writing** *" Englishisthe languageof instructionsinboth Bachelor's and Master's levels "*

Publications

- Mahmoud Gomaa and Gamal Abdel Fattah. **Synthesis of graphene and graphene oxide by microwave plasma chemical vapor deposition.** *J Am Sci* 2016; 12(3):72-80. ISSN 1545-1003 (print); ISSN 2375-7264 (online). http://www.jofamericanscience.org. 10. doi: 10.7537/marsjas12031610.

References

- Gamal Abdel Fattah Ali, Assoc.Professor of Laser Physics, Department of Laser Sciences and Interactions, National Institute of Laser Enhanced Science (NILES), Cairo University. Email:gfattah@niles.edu.eg