



PROFILE

Physics

It is my passion in life

I hope be involved in work that is changing the world and imagine doing it before left this wonderful university.

CONTACT

PHONE:

01143503069

01020445252

Email

ahmedabdellatif@sci.asu.edu.eg

LINKS

google. Scholar

<https://scholar.google.com/eg/citations?hl=en&user=6SdqO4AAA>

ResearchGate

<https://www.researchgate.net/profile/Ah-Abd-Ellatief>

LinkedIn

<https://www.linkedin.com/in/ahmed-abd-el-lattife-bb177b125/>

Scopus

<https://www.scopus.com/authid/detail.uri?authorId=57912564600/>

Orcid [0000-0002-7312-7868](https://orcid.org/0000-0002-7312-7868)

HOBBIES

Football

Running sport

Scientific reading

AHMED ABD ELLATTIFE

Teaching assistance

Physics department

Faculty of Science Ain Shams University

EDUCATION

Ain Shams University

Faculty of Science Physics department

Premaster in material physics science (2018 – 2019)

Ain Shams University

Faculty of Science Physics department (2013/7 – 2017/7 4 years)

BCS in Physics (concentrate in material physics and solid state)

Grade: very good with honors / 2nd rank

WORK EXPERIENCE

X-Ray lab in physics department (master student)

present

advanced study in material science

And materials structure analysis

Density Functional Theory (DFT)

Hpc.bibalex (Supercomputer)

the High-Performance Computing (HPC) cluster, "BA-HPC-C2"

Material and physical properties simulation.

Experience in laboratory work

Preparation nano-materials powder Ex. (doped metal

chalcogenides – composite and alloys)

Thin-film Spin coating

(Teaching Assistance) Physics department Ain Shams University

Teaching and guide for student's in laboratory and activities for a specific Physics course. (2019–present)

Online teaching (international student)

Online secondary education for **1scd,2scd,3scd**

In different countries ex **Kuwait**

For (2-yaers) and present

SKILLS

Simulation

Density Function Theory (DFT)

DFT (VASP - Quantum espresso module)

XRD (crystallography)

crystal structure analysis

X-Ray Diffraction Pattern analysis using

(X'Pert search match – Maud)

Experimental tools

Preparing different kinds of material with different methods
data analysis ex (PL – UV – IR)

PUBLICATION

Applied Physics A
Structural, optical, and magnetic
properties of ferrite/oxide composites
 $\text{MgFe}_2\text{O}_4/(1-x) \text{MnO}-x\text{CdO}$

DOI: [10.1007/s00339-022-05989-w](https://doi.org/10.1007/s00339-022-05989-w)

Journal of Materials Science:
Materials in Electronics
Influence of composition ratio on structural,
optical and magnetic properties of
 $\text{NiFe}_2\text{O}_4/(1-x) \text{MnO}-x\text{CoO}$ composites

DOI: [10.1007/s10854-022-09115-7](https://doi.org/10.1007/s10854-022-09115-7)

Conference

5TH CONFERENCE FACULTY OF SCIENCE
- AIN SHAMS UNIVERSITY
15-18 NOVEMBER 2022
(HURGHADA - RED SEA)