



Mahmoud Ahmad

Laser Spectroscopy; Computational atomic physics;
Simulations of nanoparticles



CONTACT INFO



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LANGUAGE

Arabic

English

German

EXPERTISE

1. Metallic nanoparticles
2. Atomic physics
3. Laser Spectroscopy
4. Sensors

EXECUTIVE SUMMARY

1. Assistant Professor with over 10 years of experience in university-level teaching and published research.
2. Proven expertise in theoretical, computational and simulations of physics.
3. Proven excellent leadership in curriculum development and course delivery for under- and postgraduate students

WORK EXPERIENCE

1. **1996-2003** Demonstrator at Department of Physics, Faculty of Science, Al-Azhar University Assiut Branch, **Egypt**
2. **2004-2006** Lecturer at Department of Physics, Faculty of Science, Al-Azhar University Assiut Branch, **Egypt**
3. **2007-2011** PhD. Student at Department of Electro technique /Informatics Faculty of Engineering, Kassel University, **Germany**
4. **2012-2013** Assistant Professor at Department of Physics, Faculty of Science, Al-Azhar University Assiut Branch, **Egypt**
5. **2014-Present** Assistant Professor at Department of Physics, Faculty of Science, Majmaah University, **Saudi Arabia**

ACADEMIC BACKGROUND

1. B. Sc. Degree (Physis& Mathematics) Grade "Very good", Faculty of Science, Al-Azhar University Assiut Branch, Egypt
2. Pre-Courses for M. Sc Faculty of Science, Al-Azhar University
3. M. Sc. Degree (Theoretical solid-state Physics) Faculty of Science, Al-Azhar University Assiut Branch, Egypt
4. Research on Atomic Structure calculations Faculty of Science- Physics Dep.- Cairo university
5. PhD (Dr. rer. nat) Applied Physics & Laser spectroscopy Department of Electro technique /Informatics Faculty of Engineering, Kassel University, Germany

MORE ABOUT ME

1. https://scholar.google.com/citations?hl=en&user=wmYSpxsAAAAJ&view_op=list_works&sortby=pubdate
2. https://www.researchgate.net/profile/Mahmoud-Ahmad?ev=hdr_xprf&_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6ImxvZ2luliwicGFnZSI6ImhvbnWUiLCJwcmV2aW91c1BhZ2UiOiIsb2dpbiIsInBvc2l0aW9uIjojZ2xvYmFsSGVhZGVyIn19