

CURRICULUMVITAE



1. GENERAL INFORMATION

1	Full Name	Dr. Elssfah Mohammed Elawad Fadol
2	Nationality	Sudanese
3	Phone Number	+249-129671421
4	E-mail	elawad3@hotmail.com

2. Specialization and current Position

1	Academic Degree	PhD degree
2	Specialization	Condensed Matter Physics (precise field is Nanomaterials)
3	Address of permanent Institution	Central China Normal University (CCNU)
4	Current Position	Associate Professor at the Faculty of Engineering – Gadarif University

3. EDUCATIONAL BACKGROUND AND QUALIFICATIONS:

#	Degree	Date of Degree	Specialization
1	B.Sc.	1/May/ 1995	Physics-Khartoum University
2	M.Sc.	24/July/1999	X –Ray Crystallography- Malaysia
3	Ph.D.	15/7/2007	Condensed Matter Physics (Nanomaterials)- China
4	Associate Professor	1/11/2011	Gadarif University-Sudan
5	Professor	-	Under processing

4. Title of M.Sc. and Ph.D DEGREES:

#	Academic Degree	Title of Study
1	M.Sc.	X-ray Structural Studies on Some Clonidine Derivatives.
2	Ph.D.	Studies on the Synthesis, Characterization , Growth Mechanism and Properties of One-Dimensional Metal Borate Nanostructures.

5. ACADEMIC AND PRACTICAL EXPERIENCES:

#	Job	Tasks	Place	Duration
1	Teaching -assistant	Teaching Tutorial	Gadarif University- Sudan	15/9/1995-1/8/1996
2	Lecturer	Lecturer with M.Sc degree	Gadarif University- Sudan	Dec. 2000- Sep. 2004
3	Assistant Professor	Lecturer (Ph.D)	Gadarif University- Sudan and Hail University	1/8/2007 1/11/2011
4	Associate Professor	senior lecturer and researcher	Hail University	15/2010 to 15/6/2017
5	Associate Professor	senior lecturer and researcher	Gadarif University- Sudan	10/7/2017 up to date

6. Experiences for Academic administration

	Field	Faculty	Duration
1	Head Department of Science	Education –Gadarif University	20/01/2000- 12/09/2004
2	Dean of the Deanship of Scientific Research	Gadarif University	15/7/2010 to 15/10/ 2010
3	member of Science committee of graduated students	University of Hail	15/9/2013 to 20/9/2014
4	Member -Committee of the Quality Assurance and Academic Development	University of Hail	25/10/2015 up to 2017
5	Deputy Dean -Faculty of Engineering	Faculty of Engineering – Gadarif University	5/9/2017 up to 28/12/2019
6	Dean of the College of Graduate Studies	Gadarif University	12/1/2020 up to 19/9/2021
7	Secretary of Secretariat of Scientific Affairs	Gadarif University	20/9/2021 up to 20/12/2021
8	Director of Gadarif University	Gadarif University	21/12/2021 up to 31/3/2022

7. Conferences:

#	Conference Title	Type of participation	Place	Date
1	The 3 rd Conference of the Asian Crystallographica Association	Poster paper	Malaysia	13 -15 October 1998
2	The International conference of Science Technology and Nanoscale	Presentation (paper)	Alneelain University	November2 - 4 2008

8. I taught many Courses for undergraduate students

	Title	Place
1	Introduction to Nanotechnology	Hail University (H.U)
2	Mathematical Physics	Hail University
3	Characterization Techniques	Hail University
4	General Physics 1 and 2	Hail University
5	Quantum Mechanics 1	Gadarif University and H. University
6	Electromagnetic Theory	Gadarif Universityand Hail University
7	Solid state Physics 1	Gadarif University- Faculty of Engineering
8	Electric Circuit	Gadarif University -Faculty of Engineering
9	Semiconductor Physics	Gadarif University- Faculty of Engineering
10	Thermodynamic 1	Gadarif University- Faculty of Engineering

9. Workshops:

I participated in many workshops.

10. Projects:

	Title	Funded by / University	Duration
1	Physical and Microbiological Characteristics of Muzekah and Dead Chicken,	Gov. Saudi Arabia. Hail University,	2016- 2017
2	جهاز للكشف عن البترول و الغاز و المعادن عثمان الطاهر أحمد محمد و ،باسم الطاهر 2 د. السفاح محمد العوض فضل	Ministry of Hiher Education- Sudan University of Gadarif , Sudan Combined with Hail University- Saudi Arabia	15/9/2013 to 20/9/2014

11. Supervisor:

I supervised there of postgraduate students:

	Name	Degree/Instiute	title	duration
1	Awatif Abas Bashir	Master degree in Physics MSc/ Gadarif University (main supervisor)	Synthesis and Characterization of Magnesium Borate (Mg ₂ B ₂ O ₅) Nanostructures	2015-2017
3	Awatif Abas Bashir	Doctor of Philosophy degree PhD in Physics/ Sudan University (co. supervisor)	Study on the Synthesis, Physical Characteristics and Applications of X-doped Zinc Oxide Nanostructures	2018- will finish 2020
	Shasz Abdelazim Amusalami	Master degree in Physics MSc/ Gadarif University(main (main supervisor)	Study on the Synthesis, Structural and Optical Properties of TiO ₂ films nanostructures by Using Sol-gel Method Coated ITO Glass Substrates	Expect to finish in October 2022

9. LIST OF PUBLICATIONS:

#	Title	Date of Publication	Place/Journal of publication
1	Synthesis and Optical Properties of Brookite phase TiO ₂ thin Films Nanocomposites, Shaza M, E.M. Elssfah	<i>Volume 13, Issue 2 Ser. III (Mar. – Apr. 2021), PP 32-37</i>	<i>IOSR JARNA Of Applied Physics (IOSR-JAP)</i>
2	Optical Properties of ZnO Nanostructures Synthesised Using different Concentrations of Zinc Acetate ¹ , A. B. Awatif, E.M. Elssfah Abdalsakhi S M.H, Mubarak Dirar Abdallah	<i>Volume 12, (Mar. – Apr. 2020), PP 01-06</i>	Journal of Applied Sciences (International Organization of Scientific Research
3	Effect of different concentrations of zinc acetate on the structural, and the optical and electrical conductivity of ZnO nanostructures, A. B. Awatif, Abdallah, ³ Abdalsakhi S M.H , 4E.M. Elssfah	<i>Volume 11, (Nov. – Dec. 2019), PP 35-40</i>	Journal of Applied Sciences (International Organization of Scientific Research)
4	STUDY ON THE SPECIFIC HEAT OF DIFFERENT TYPES OF ANIMALS MEATS, Abdallah Belal Adam, E.M. Elssfah , A. Wahab M.	Accepted 2017	Biosc. Biotech. Research Comm.

	A.		
5	The Structure of Pure GeO ₂ -P ₂ O ₅ Glasses Probed by MAS NMR, Non-Crystalline Solids, . Wahab M. A. Hussein, E.M. Elssfah Abdallah Belal Adam.	2017	Under Review
6	Some Physical and Microbiological Characteristics of Muzekah and Dead Chicken, Adam A B, Elssfah M E.	(2017) 154-160 November	Advance in Bioresearch
7	E.M. Elssfah* , Adam. A. B, A.Wahab, M.A.Hussein and A. Awatif, "A simple route for the synthesis single-crystalline Mg ₂ B ₂ O ₅ nanowire bundles",.	(2014) 26146-26149.	Elixir Condensed Matter Phys
8	<i>Simple route to the synthesis Y₂O₃:Eu³⁺ nanoparticles like-spheres, E M Elssfah,</i>	(2014) 29041-29044.	Elixir Nanotechnology
9	<i>, From monoclinic Mg₂B₂O₅ nanowires to triclinic Mg₂B₂O₅:Eu nanorods", A.B. Awatif and E.M. Elssfah</i>	75 (2014) 27521-27524.	Elixir Nanotechnology
10	Nan-Nan Yan, G. Demissie, Ying Yu, Photocatalytic activity enhancement of CdS through In doping by simple hydrothermal method, A.M. Abdulkarem, E.M. Elssfah	647 (2013) 652	J. Physics and . Chemistry Solid ,
11	Hui Wang, Yunke Ge, Ying Yu , CuBi ₂ O ₄ single crystal nanorods prepared by hydrothermal method: Growth mechanism and optical properties, A.M. Abdulkarem, Jialin Li, A.A. Aref, Lu Ren, E.M. Elssfah.	46 (2011)1443- 1450	Journal: Materials Research Bulletin,
12	<i>, Synthesis and characterization of single crystalline YAG:Eu nano-sized powder by sol-gel method, H.M.H. Fadlalla, C.C. Tang, E.M. Elssfah, F. Shi.</i>	Mater. Chem. Phys. 109 (2008) 436	Journal: Mater. Chem.
13	<i>Hydrothermal Treatment Duration Effect on the Transformation of Titanate Nanotubes into Nanoribbons, Ammar Elsanousi, E. M. Elssfah*, et al</i>	111 (2007)14353- 14357.	J. Phys. Chem. C,
14	<i>Synthesis of aluminum borate nanowires via a novel flux method, I. E.M. Elssfah et al.</i>	101 (2007) 499	Materials Chemistry and Physics
15	<i>Synthesis and characterization of photoluminescent cerium-doped yttrium aluminum garnet, H.M.H. Fadlalla, E.M. Elssfah et al.</i>	34(2008) 3457-3462.	Journal: Materials Research Bulletin,
16	<i>Aerosol-Assisted Self-Assembly of Aluminum Borate (Al₁₈B₄O₃₃) Nanowires into Three Dimensional Hollow Spherical Architectures, Zhang, Jun; Elsanousi, Ammar; Lin, Jing; Huang, Yang; Elssfah, E. M , et al.</i>	7(2007) 2767.	Crystal Growth & Design
17	<i>Characterization and photoluminescence properties of aluminum borate nanorods doped wit Eu, J. lin, Y. Huang, J. Zhang, H.S. Song, E.M. Elssfah et al.</i>	89 (2006) 033118.	, Applied Physics Letters,
18	<i>Multilayer Quasi-Aligned Nanowire Webs of Aluminum Borate, Song, H., Luo, J., Zhou, M., Elssfah et al.</i>	7 (2007), 576-579	Crystal Growth & Design,
19	<i>Template-Free Preparation of Bunches of Aligned Boehmite Nanowires, Jun Zhang, Siyi Wei, Jing Lin, Junjie Luo, Sujing Liu, Haisheng Song, Elssfah Elawad et al.</i>	B, 110 (2006) 21680	J. Phys. Chem.
20	<i>Coating Aluminum Borate (Al₁₈B₄O₃₃) Nanowire Webs with BN, H. S. Song, J. Zhang, J. Lin, S. J. Liu, J. J. Luo, Y. Huang, E. M. Elssfah, et al.</i>	111 (2006) 1136.	, J. Phys. Chem. C,

21	<i>Self-Assembly of Flowerlike AlOOH (Boehmite) 3D Nanoarchitectures, Jun Zhang, Sujing Liu, Jing Lin, Haisheng Song, Junjie Luo, E. M. Elssfah et al.</i>	110 (29) (2006) 14249	, J. Phys. Chem. B,
22	<i>Bulk-quantity fast production of Al₄B₂O₉/Al₁₈B₄O₃₃ single-crystal nanorods by a novel technique, J. Zhang, J. Lin, H.S. Song, E.M. Elssfah et al.</i>	60 (2006) 3292.	Materials Letters,
23	<i>High-Aspect-Ratio Aluminum Borate Nanowire Bundles Supported by Sucrose, H. S. Song, E. M. Elssfah, et al.</i>	110 (12) (2006) 5966.	J. Phys. Chem. B,
24	<i>Morphology-and composition-controlled synthesis of aluminum borate nanowires without catalysts, C C Tang, E M Elssfah et al.</i>	17 (2006) 2362.	Nanotechnology,
25	<i>From Al₄B₂O₉ nanowires to Al₁₈B₄O₃₃: Eu nanowires, E. M. Elssfah*, ChengcunTang.</i>	111(2007) 8176.	Journal of Physical Chemistry C,
26	<i>Synthesis of magnesium borate nanorods, E. M. Elssfah, et al.</i>	61 (2007) 4358.	Materials Letters
27	<i>A facile route for synthesis of Aluminum borate nanowires, E.M. Elssfah et al.</i>	61 (2006) 1047.	Journal of Applied Science
28	<i>Low temperature performance of Al₄B₂O₉ nanowires, E.M. Elssfah et al.</i>	42 (2007) 482	Materials Research Bulletin
29	<i>3,5-Dichloro-4-(imidazolidin-2-ylidene-ammonio)benzoate dehydrate, Elssfah, E M et al.</i>	55 (1999) 1115	Acta Crystallographica Section C,
30	<i>Substituted clonidine derivatives. I. 3,5-Dichloro-4-(imidazolidin-2-ylidene-amino) benzo-nitrile and 3,5-dichloro-4-(1,3diisobutyrylimidazolidin-2-ylideneamino) benzonitrile, Elssfah, E.M, et al</i>	Section C, volume 55, Part 7, (1999) IUC9900066	Acta Crystallo-graphica
31	<i>Substituted clonidine derivatives. II. Ethyl 3,5-dichloro-4-(1-isobutyrylimidazolidin-2-ylideneamino) benzoate and ethyl 3,5-dichloro-4-(1,3-diisobutyrylimidazolidin-2-ylideneamino) benzoate, Elssfah, E. M, et al</i>	Section C, volume 55, Part 8, (1999) IUC9900085.	Acta Crystallographica
32	<i>ESubstituted clonidine derivatives III. 3,5-Dichloro-4-(imidazolidin-2-ylideneamino)benzyl alcohol and 3,5-dichloro-4-(1,3-diisobutyrylimidazolidin-2-ylideneamino)benzylisobutyrate, .M. Elssfah et al.</i>	Section C, volume 55 (1999) IUC9900086	Acta Crystallographica

PUBLISHED OR TRANSLATED BOOKS:

#	Title	Date of Publication	Place of publication	Publisher
1	Principles of Solid State Physics			Under review