

Eslam Abdel Aziz Hussien Syala

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Military service: Finished at 1/12/ 2012
Website:
https://www.researchgate.net/profile/Eslam_Syala

Date of Birth: 3/1/1989
Address: 366 Abdel Salam
Aref Street, Victoria,
Alexandria, 21411, Egypt.
Nationality: Egyptian



Career Objective:

Hard-working, and passionate researcher looking to pursue high-level research and academic career. Seeking to publish more and more researches to add scientific value to research. Graduating students capable of creativity and scientific thinking.

Education:

- 1- (02/2020) Ph.D. of Material Science**
Materials Science Department
Institute of Graduate Studies and Researches
Alexandria University
CGPA (3.722 /4)
- 2- (03/2014–12/2016) Master of Material Science**
Top 5% of the junior class
Materials Science Department
Institute of Graduate Studies and Researches
Alexandria University
CGPA (3.583 /4)
- 3- (09/2006–07/2011) Bachelor of Metallurgy Engineering (major)**
6th over a class of Metallurgy Engineering Department
Mining & Petroleum Engineering Department
Faculty of Engineering
AL-Azhar University in Cairo
Grade: **very good**
Graduation Project:
Project Name: Extraction of Titanium from its ores.
Grade: **Excellent** (85%)

List of international publications:

- 1- Essam El-Rafey, Wagih A Sadik, Tawfik A Ramadan, Shima El-Farouk and **Eslam Syala**, Characterization of the extruded polypropylene filled with cement kiln dust composite, Journal of Composite Materials. 2022;0(0). doi:10.1177/00219983221147387
- 2- Ahmed Mohamed Sharaf, **Eslam Syala**, Abbas Anwar Ezzat, Salah F. Abdellah Ali, E. El-Rafey, Natural fiber reinforced unsaturated polyester resin filled with bio-based calcium carbonate: Preparation and examination, Fibers and Polymers, 23, (2022) 1366–1377.
- 3- E. El-Rafey, Walaa M. Walid, **Eslam Syala**, Abbas Anwar Ezzat, Salah F. Abdellah Ali, A study on the physical, mechanical, thermal properties and soil biodegradation of HDPE blended with PBS/HDPE-g-MA, Polymer Bulletin, 79 (2022) 2383–2409.

- 4- N. Elkhoshkhany, **Eslam Syala**, El Sayed Yousef, Concentration dependence of the elastic moduli, thermal properties, and non-isothermal kinetic parameters of Yb³⁺ doped multicomponent tellurite glass system, Results in Physics 16 (2020) 102876.
- 5- N. Elkhoshkhany, **Eslam Syala**, El Sayed Yousef, Kinetics characterization and visible photoluminescence spectroscopy of an erbium-doped tellurite glass, Results in Physics 14 (2019) 102370.
- 6- N. Elkhoshkhany, **Eslam Syala**, Detailed study about the thermal behavior and kinetics characterization of an oxyfluoride tellurite glass, Journal of Non-Crystalline Solids 486 (2018) 19–26.
- 7- N. Elkhoshkhany, **Eslam Syala**, Kinetics characterization of erbium-doped tellurite glass, Ceramics International 44 (2018) 6829–6835.
- 8- N. Elkhoshkhany, **Eslam Syala**, Kinetic characterization of TeO₂–Bi₂O₃–V₂O₅–Na₂O–TiO₂ glass system, Ceramics International 43 (2017) 6156–6162.
- 9- N. Elkhoshkhany, R. El-Mallawany, **Eslam Syala**, Mechanical and thermal properties of TeO₂–Bi₂O₃– V₂O₅–Na₂O–TiO₂ glass system, Ceramics International 42 (2016) 19218–19224.

Posters/Conference presentations:

The 17th Arab international Conference on Materials Science (**Materials for Novel Applications**)
18–20 December 2017.

Reviewing experience:

- Peer reviewer in the 11th Global Conference on Materials Science and Engineering (CMSE 2022), Shenzhen, China
- (5/5/2021 – present) Peer reviewer in Academia Letters.
- (17/2/2020 - present) Peer reviewer in Journal of Advanced Research in Fluid Mechanics and Thermal Sciences.
- (2/2/2019 - present) Peer reviewer in the Journal of the American Ceramic Society.
- (30/11/2018 - present) Peer reviewer in the Journal of Hazardous Materials.
- (3/12/2018 - present) Peer reviewer in the Journal of Molecular Structure.
- (22/12/2017 - present) Peer reviewer in the Journal of Non-Crystalline Solids.

Work experience:

- (20-2-2021-present) Processing engineer at Egyptian black sand company, Kafr El-Sheikh governorate, Egypt.
- Commissioning and preparing the plant for operating the plant-production shift engineer.

Teaching Experience

- (14/6/2017-present) Part-time lecturer at Alexandria training center (Welding- Corrosion Control-Inspection courses). Preparing the material and delivering the courses.
- Teaching parts of glass and ceramic course for Masters' students.

Other experience

- (20/9/2020 – 20/4/2021) Technical translator at Alex Academy for Translation and Training (Qatar General Electricity & Water Corporation (**KAHRAMAA**) project).
- (1/5/2019 – 1/9/2019) Technical translator at Alex Academy for Translation and Training (MITSUBISHI heavy industries project).

Volunteering Work:

Teaching and helping my colleagues of Master's students in their points of research thesis and their papers.

Honors and awards:

September 2010, Faculty of Engineering, Al-Azhar University in Cairo Award for academic distinction, Egypt.

Training experience:

- (9/3/2017–16/3/2017) The Arab Company for petroleum industries "**Fuchs Egypt**"

Training plan: Blending and packaging stages and the oils-laboratories

- (1/8/2010–30/8/2010) Egyptian Copper Works Factories

Training plan: Overview of the different factory departments according to metallurgy specialization (ores- smelting-alloying) and production lines.

- (2/8/2009–20/8/2009) Arab Petroleum Pipelines Company. "**SUMED**"

Training plan: Construction, maintenance of tanks, and Safety.

- (1/7/2009–31/7/2009) El-Nasr Alloys Company

Training plan: Overview on the different factory departments according to training plan (furnaces- small parts production line-large parts production line-Finishing -workshops- {Laboratories, Inspection and Quality})

Courses:

- (1/8/2018) TOEFL-PBT
- (5/4/2016) Occupational Safety & Health Administration (OSHA)
- (9/11/2010) Stress and Time management
- (15/11/2009–7/12/2009) Welding techniques (Electric arc, Gases, Argon, and CO₂)

Languages:

- Arabic: Mother tongue
- English: Speaking (Excellent), Reading and Writing (Excellent)

References:

- Professor. E. El-Rafey

Professor of Materials Science, Department of Material Science, Institute of Graduate Studies and Researches (IGSR), Alexandria University, Alexandria, Egypt.

Email: igsrdean@gmail.com

- Professor. Samir Y. Marzouk

Professor of Basic and Applied Science, Head of Basic and Applied Science Department, Faculty of Engineering and Technology, Arab Academy of Science and Technology and Maritime Transport, Egypt. Email: Samir_marzouk2001@yahoo.com

Review Certificate

2022/5/6

To Whom It May Concern,

By this letter, I would like to explain the contributions of *Dr. Eslam Syala* from *Materials Science Department, Institute of Graduate Studies and Researches, Alexandria University* as a Peer Reviewer of the *11th Global Conference on Materials Science and Engineering (CMSE 2022)* to be held in *Shenzhen, China* during *8-11 August 2022*.

For each manuscript submitted to the Proceedings of the conference, it is required that at least two excellent reviewers who are not only competent in the technology but also are familiar with the existing literature. Their role is finally to determine if the submitted manuscript has a high scientific level and is worth publication.

Dr. Eslam Syala has provided excellent feedback on the following article
Research on the Fractal and Permeability Characteristics of Coal-based Porous Media for filtration and impregnation
after carefully analyzing the merits of the paper with regards to scope, applications, research methodology, experimental techniques, and verification of mathematical equations, data interpretation, and grammar.

Dr. Eslam Syala's substantial contributions to maintain the standards of the Conference are greatly appreciated.

Sincerely,

CMSE2022 Organizing Committee

cmse@cmseconf.org

www.cmseconf.org



Certificate of Appreciation



ACERS JOURNAL REVIEWER

awarded to

Eslam Syala

Your expert assessments are fundamental to upholding the integrity of and trust in the articles published in The American Ceramic Society journals

December 15, 2020



Mario Affatigato
International Journal of Applied Glass Science



Ricardo Castro
International Journal of Ceramic Engineering and Science



Bill Fahrenholtz
Journal of The American Ceramic Society



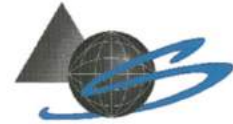
Monica Ferraris
International Journal of Applied Ceramic Technology

Hua-Tay Lin



REVIEWER CERTIFICATE

Journal
of the American Ceramic Society



THIS CERTIFICATE IS AWARDED TO

ESLAM SYALA

WE HEREBY NOTIFY THAT THE PERSON ABOVE HAS BEEN SERVING AS A REVIEWER OF
JOURNAL OF THE AMERICAN CERAMIC SOCIETY.

WE ARE GRATEFUL TO ESLAM SYALA FOR REVIEWING 3 MANUSCRIPTS IN 2019.

William G. Fahrenholtz

Editor-in-Chief

11 February 2020



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CERTIFICATE OF REVIEWING

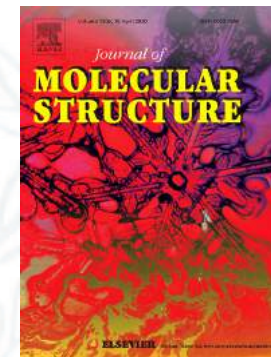
This certificate is awarded to:

Eslam Syala

for her/his excellence contribution in reviewing article entitled

Preliminary Study of Novel Coal Spills-based Physical
Activated Carbon for Copper ions Adsorption in Aqueous Solution: Kinetics and
Isotherms

Editor in Chief,
Journal of Advanced Research in Fluid Mechanics and
Thermal Sciences (ISSN: 2289-7879)



Journal of Molecular Structure

Certificate of Reviewing

Awarded since March 2018 (3 reviews)
presented to

ESLAM SYALA

in recognition of the review contributed to the journal

The Editors of Journal of Molecular Structure





Journal of Hazardous Materials

Certificate of Reviewing

Awarded since March 2019 (3 reviews)
presented to

ESLAM SYALA

in recognition of the review contributed to the journal

The Editors of Journal of Hazardous Materials





Journal of Non-Crystalline Solids

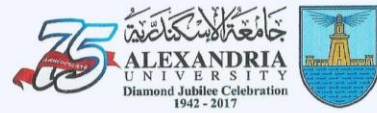
*Certificate of
Outstanding Contribution in Reviewing*

awarded November 2018 to

Eslam Syala

in recognition of the contributions made to the quality of the journal





The 17th Arab International Conference on Materials Science
Materials for Novel Applications
18-20 December 2017, Alexandria, Egypt

The conference committees hereby acknowledge the contribution of

Eslam Syala

to the conference with the presentation entitled “**Kinetic characterization of TeO_2 - Bi_2O_3 - V_2O_5 - Na_2O - TiO_2 Glass System**”

The conference is organized by The Arab Society of Materials Science and the Department of Materials Science, IGSR, Alexandria University.

For the Scientific Committee

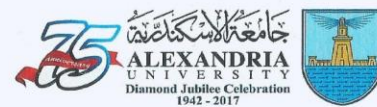
Moataz Soliman



Chairman of the Conference

Mohamed Nour El-Din

Chairman, ASMS



The 17th Arab International Conference on Materials Science
Materials for Novel Applications
18-20 December 2017, Alexandria, Egypt

The conference committees hereby acknowledge the contribution of

Eslam Syala

to the conference with the presentation entitled “**Mechanical and Thermal Properties of TeO_2 - Bi_2O_3 - V_2O_5 - Na_2O - TiO_2 Glass System**”

The conference is organized by The Arab Society of Materials Science and the Department of Materials Science, IGSR, Alexandria University.

For the Scientific Committee

Moataz Soliman



Chairman of the Conference

Mohamed Nour El-Din

Chairman, ASMS