

1. Name: Sara Abdelrady Abelmanam, Teaching assistant, Department of Engineering mathematics and physics, Higher Institute of Engineering, Elshorouk Academy.

2. Degrees:

- B.Sc. (Physics), Helwan University, Cairo, Egypt.
2017
- M.S. (Theoretical physics), Helwan University, Cairo, Egypt.
2023

3. Years of Service on Faculty: 5

- 09/2019 - present Teaching assistant.

4. Other Experience:

- 09/2018 – 09/2019: Teaching assistant at Helwan university, Cairo

5. States in which registered:

- Cairo, Egypt.

6. Principal publications of last 5 years (selected):

- Investigation of production of neutral Higgs boson and two charged Charginos from electron-positron annihilation via different propagators, Sara Abdelrady Hassan, Asmaa.A.A, Sherif yehia, M.M.Ahmed, Mohamed Said Mohammed Abu-Elmagd, Arab journal of nuclear sciences and applications, ISSN 1110-0451, Vol.56,5,27-40 (2023).
<https://doi.org/10.48550/arXiv.2210.10472>
- Participated with a poster at Helwan university international scientific conference on theoretical and particle physics, 2023
- Participated with a poster at Helwan university second international scientific conference on theoretical and particle physics, 2024

7. Professional Development Activities in the last 5 years:

- Attend summer school on theoretical physics at Zewail city, Aug 2024
- Attend at the 2nd international conference on pure and applied physics at bue, Sep 2024
- Attend Helwan university 2nd conference on theoretical and nuclear physics, 2024
- Attend 16-th International School on Neutrino Physics and Astrophysics, Russia (online participation), 2024
- Attend Helwan university 1st conference on theoretical and nuclear physics, 2023