



5- Solar and Space Research Department

5-2 Space Research Laboratory

👤 Name: Susan Wassem Samwel
👔 Position: Associate Professor
✉ Email: samwelsw@yahoo.com, samwelsw@nriag.sci.eg
☎ Phone:01227512388



* Scientific Publication (National& International)

1. Samwel S.W., Abd El-Aziz E., Garrett H.B., Hady A.A., Ibrahim M., and Amin M.Y., Space Radiation Impact on Smallsats During Maximum and Minimum Solar Activity, *Advances in Space Research*, vol. 64 pp. 239–251, 2019
2. Miteva R., Samwel S. W., Radio signatures of in situ observed ACE/EPAM electron fluxes, *Proceedings of Eleventh Workshop “Solar Influences on the Magnetosphere, Ionosphere and Atmosphere” Primorsko, Bulgaria, June 3-7, 2019*, pp. 191-195, 2019
3. Miteva R., Samwel S. W., Veronig A., Koleva K., Dechev M., Dissauer K., Temmer M., Kozarev K., Zabunov S., EVE flare diagnostics of in situ observed electron events, *Proceedings of Eleventh Workshop “Solar Influences on the Magnetosphere, Ionosphere and Atmosphere” Primorsko, Bulgaria, June 3-7, 2019*, pp 196-200, 2019

* Reviews of Papers (National& International)

(international) 1- *Heliyon*, ISSN:2405-8440, Publisher: Elsevier, 2019

* Conferences , Scientific Missions & Workshops

1. AFRICAN GEOPHYSICAL SOCIETY CONFERENCE ON SPACE WEATHER, , Cairo, Egypt, 25-28 March 2019
2. Eleventh Workshop of Solar Influence on the Magnetosphere, Ionosphere and Atmosphere, Primorsko, Bulgaria, 3-7 June 2019
3. VarSITI Closing Symposium, Sofia, Bulgaria, 10-14 June, 2019
4. IEEE Conference on Power Electronics and Renewable Energy (CPERE), Aswan, Egypt, 23-27 October, 2019
5. Scientific mission to Space Research and Technology Institute, Bulgarian Academy of Science, Sofia, Bulgaria, 31/5/2019 till 14/6/2019

* Projects

NA

* Consultancy

NA

* Supervision of M.Sc. / Ph.D.

M.Sc. Thesis: Esraa Abd El-Aziz, «1- Space Environment interaction with small satellites», Faculty of Science, Cairo University

* Books

NA

* Other

Oral presentations and Posters:

1. Miteva R., Veronig A., Samwel S., Koleva K., Dechev M., Dickson E.C.M., Dissauer K., Kashapova L.K., and Temmer M., Multi-wavelength analysis of SEP-related solar flares during solar cycles 23 and 24, Fourteenth Annual Conference “Plasma Physics in the Solar System”, IKI RAS, 11-15 Feb, 2019, Moscow, 2019.
2. Samwel S. W., and Miteva R., Cataloging of Solar energetic electrons and protons during solar cycles 23 and 24, AFRICAN GEOPHYSICAL SOCIETY CONFERENCE ON SPACE WEATHER, Cairo, Egypt, 25-28 March 2019.