

Dear Colleagues,

The following manuscripts will be submitted to a special issue of the journal Sun and Geosphere to be published by the end of 2020. These papers are based on the 2019 ISWI workshop hosted by the Abdus Salam Center for International Theoretical Physics, Trieste, Italy. This is an open call inviting those interested in submitting a manuscript to the special issue, so long as the manuscript contains original research on any topic in space weather. The deadline for submission is October 31, 2019.

Best regards,
Nat Gopalswamy
Guest editor in chief
Sun and Geosphere
2019 September 1

List of manuscripts to be edited by N. Gopalswamy:

1. Space Weather Monitoring from Observatorio Astronómico of the Universidad Tecnológica de Pereira (OAUTP), Hamilton David Galvis, Edwin Andrés Quintero, David Galeano. hdgalvis@utp.edu.co
2. Ionospheric Disturbances Produced by Solar Flares Recorded at Ica Very Low Frequency Station. José Luis Gamonal Valenzuela thestricker25@gmail.com
3. SMART/SDDI Filament Disappearance Catalogue. Daikichi SEKI, Kenichi Otsuji, Takako T. Ishii, Kumi Hirose, Tomoya Iju, Satoru UeNo, Denis P. Cabezas, Ayumi Asai, Hiroaki Isobe, Kiyoshi Ichimoto, and Kazunari Shibata. seki.daikichi.87s@st.kyoto-u.ac.jp
4. On the hierarchical relationships of solar energetic particle events associated with metric type II radio bursts. Pertti Mäkelä, Nat Gopalswamy, Hong, Xie, Sachiko Akiyama Seiji Yashiro, Neeharika Thakur. Pertti.as.makela@nasa.gov

List of manuscripts to be edited by P. Mäkelä:

1. CME Rates over 4 Solar Cycles. David Webb, Chris St. Cyr David Webb david.webb@bc.edu
2. A Catalog of Type II radio bursts observed by Wind/WAVES and their Statistical Properties, Nat Gopalswamy, P. Makela, and S. Yashiro, nat.gopalswamy@nasa.gov
3. The shock-driving capability of a CME associated with a type II solar radio burst inferred from multiwavelength observations, Fithanegest Kassa Dagneu, Nat Gopalswamy, Solomon Belay Tessema, Seiji Yashiro, Pertti Makela, Tesfay Yemane Tesfu, Ange

Cyntia Umuhire, Suman Gautam, Manjula Rana, and Haftamu G/mariam.
fitha01@yahoo.com

4. High-energy magnetospheric electron enhancements and interplanetary conditions. A. Belov, O. Kryakunova, N. Nikolayevskiy, A. Abunin, M. Abunina, I.Tsepakina, U. Baydeldinov, S. Sultangazinov, A. Lozbin. krolganik@yandex.kz

List of manuscripts to be edited by Babatunde Rabi:

1. Variations in ionospheric current systems from swarm satellite observations during the March and June, 2015 severe storms, Habtamu Marew Alemu and Melessew Nigussie Gereme, hmarew@gmail.com
2. A new tool for predicting the solar cycle: Correlation between flux transport at the equator and the poles" by Susanta Kumar Bisoi and Janardhan, P. susanta@nao.cas.cn, janardhan.padmanabhan@gmail.com
3. Comparison of Ionospheric Slab Thickness over Dourbes, Islamabad and Jeju Island with IRI-2016, NeQuick 2 and data ingested NeQuick 2 during solar maximum year 2015, Hadiqa Khan, M.Ayaz Amin, Afsheen Ameer, Onaiza Mujahid Hadiqa Khan. hadiqakhan77777@gmail.com
4. Cosmic ray's Effect on Critical Frequencies and Ionospheric Heights. Seray Sahin, Mahmut Marismak, Ali Kilçik. seraysahin93@gmail.com
5. Seasonal foF2 variability at Ouagadougou station during shock activities for solar cycles 2122: Comparison between data and IRI 2012 predictions. Ouattara Frédéric, Segda Aboul-Kader and Gnabahou Doua Allain fojals@yahoo.fr

List of manuscripts to be edited by Susanna Finn:

1. Impact of the September 2017 Space Weather Events on the Ionosphere over the Western Balkans region observed by SuperSID VLF and GNSS TEC observations. Randa Natras, Michael Schmidt. Randa.randa.natras@hotmail.com
2. A comparative study on the response of the nighttime Equatorial ionosphere to three major geomagnetic storms in 2015, Sripathi, S and Singh, R. ssripathi.iig@gmail.com
3. GPS TEC Scintillations and TEC depletion as seen from Hetauda and NAST, Nepal for 2016 Basu Dev Ghimire, Narayan Prasad Chapagain, Balaram Khadka, Gambir Bidari, Karan Bhatta, Aditay Singh Thapa basu.ghimire99@gmail.com

4. Strategies that Engage Students to Learn about Space Weather, M. Chantale Damas
chantale.damas@gmail.com

List of manuscripts to be edited by Sneha Yadav:

1. A Study of the correlation between Solar Flare Effect (SFE) and Equatorial Electrojet (EEJ) current at Sonmiani Geomagnetic Observatory. Fatima Ather, Raazya Batool, Syed Shabhi Haider, Madeeha Talha fatimaather94@hotmail.com
2. Comparison of iri-nequick, iri-plas 2015, nequick-2 and nigtec models with gps-tec measurements over nigeria located within equatorial ionospheric anomaly region. A.A. Obafaye, D.I. Okoh, A.B. Rabi, A.O. Adewale. Aderonke Akerele easyronke2@gmail.com
3. Response of tec to geomagnetic activities within the eia african region. Abdulrahim R.B, Adeniyi J. O. burlarnley@gmail.com
4. Solar activity influence on equatorial Ionosphere over Sri Lanka, R.Jenan (Undergraduate Student - SUSL), T.L. Dammalage (Senior Lecturer, SUSL) rjenan@stdgeo.sab.ac.lk
5. The response of Equatorial Ionosphere over Nigeria to Selected Space Weather Events. Akinyemi G.A, Rabi A.B. Kolawole L.B., Willoughby A.A. and Abdulrahim B akinpelu G akinpelug@yahoo.com