

Dear Piers Friends and Colleagues :

The next PIERS 2018 (Progress in Electromagnetic Research Symposium) will be held on : August 1 - 4 , 2018 in Toyama , Japan .

I have been asked by Prof. Kazuya Kobayashi (General Chair, Chuo University, Tokyo , Japan) , and Prof. Leung Tsang (Piers Chair, University of Michigan , USA) , to organize a session entitled :

" On Earth's Electromagnetic Environment , Space Weather Phenomena , and Global Climate Variability. "

Topics of interest include, but are not limited to :

***** Earth's Electromagnetic Environment Studies; Global Earth Observations, Modeling and Calibration; Radio waves Propagation & Scattering; Characterization of Ionospheric Effects/Processes from Ground and Satellite Observations; Ionospheric irregularities and radio wave scintillations; Prediction and Forecasting of Ionospheric Effects; Future Wireless Communications Systems; MIMO and Multi-antenna communications; Remote Sensing; Small Satellites (Cube-Sats) Technology and Applications; Space Weather Activities and Ionospheric Effects on Telecommunications and Navigation Systems.***

***** Observation and Understanding of the Sun behaviour which is the main Source of Space Weather Phenomena on Earth; Prediction of these Phenomena that affect our daily lives, environments, and Space Systems (GNSS , GPS, etc.);***

***** Anthropogenic Activities (i.e. E.M Pollution from Power Grid, Powerful Transmitters -Radio & TV Broadcasting- , Mobile devices and Cellular Antennas, Wi-Fi Networks, etc.) and their Potential Impact on the Global Climate Variability.***

Prospective authors are invited to submit first one-page Abstract , in English, of an Original Work, [by March 1st, 2018](#), using the on-line submission in MY SESSION (please, specify my name) at : https://www.piers.org/piers2018Toyama/submit/submit_new.php

We are looking forward to hearing from you soon, and we thank you in advance for your contribution. With our best regards,

**R. Talhi
Session Organizer.**

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