



## **Stability of the relationship between ionospheric parameters and solar activity proxies?**

Jan Laštovička

Institute of Atmospheric Physics CAS, Ionosphere and Aeronomy, Prague 4, Czech Republic (jla@ufa.cas.cz)

In recent years some results indicated possibility that the relationship between some ionospheric parameters, namely foF2 and foE, and solar proxies can change in the 21th century. Here we use foF2 and foE data from Europe and global average total electron content (TEC) data to study the (non)stability of the relationship between solar proxies and ionospheric parameters for yearly average values. Data on foF2 and foE will be taken from international databases for top European stations Juliusruh and Slough/Chilton, if necessary also for some other European stations. As concerns TEC data, the homogeneous data series JPL 35 will be analyzed. Possible reasons are briefly discussed, as well.