



## **Ionospheric characteristics variability studies during different ionospheric and geomagnetic activity**

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The variability of different ionospheric characteristics during quiet and disturbed conditions is the subject of presented studies. The paper presents the correlations between individual daily parameters, their statistical distribution and extreme behaviour. The ionospheric catalogue for quiet and disturbed days has been used paralleled to the geomagnetic description of the environmental conditions. Some attempts of the projection of the results to the physical based explanation are presented.