

**7. About Cooperation with Bulgarian and Polish Scientists and Specialists
in the Field of Fundamental Space Research**

On the basis of simultaneous observations of Polar, Geotail and WIND satellites, the location of magnetic reconnection region (a magnetospheric source region of substorms) in the geomagnetic tail is investigated in dependence on solar wind conditions.

It is shown that the region of magnetic reconnection is observed closer to Earth during passage of the Earth through the magnetic cloud, and is farther from the Earth during high-speed streams of the solar wind.

Publication:

Дэспирак И.В., Любчич А.А. Колева Р. Магнитосферные признаки авроральных возмущений во время прохождения CIR и областей солнечного ветра // Космические исследования. 2014. Т.52, № 1, стр. 39-47.

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