



Análise de eventos solares utilizando Python

Luís Eduardo Sales do Nascimento

Instituto Federal de Educação, Ciência e Tecnologia de São Paulo (IFSP)

luis.esn@outlook.com

During extreme solar activity events, coronal mass ejections are expelled by the Sun traveling at speeds generally higher than the characteristic speed of the medium, resulting in the formation of interplanetary shocks. The use of technologies can help understanding the magnetic structures parameters as well as make possible the prevention and treatment of the consequences during the interplanetary shock waves passage which can potentially reach the Earth.