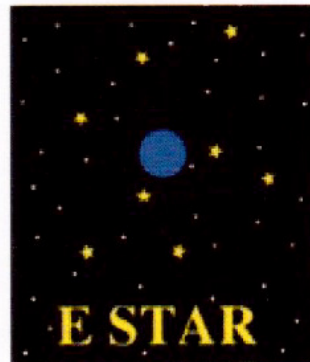


Programme & Abstracts

The Second European Space Weather Week

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Contribution of the Royal Meteorological Institute of Belgium to the ESA Space Weather Pilot Project.

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The Royal Meteorological Institute of Belgium (RMIB) as one of the three Belgian Space Pole institutes has participated as a partner to the SIDC ESA Space Weather Pilot Project with the Royal Observatory of Belgium (ROB), the Belgian Institute for Space Aeronomy (BISA) and Creaction, Inc. In particular, the Ionospheric Profils division of the RMIB and The Earth Rotation, Geodysie and Time division have exploited their synergies to develop a forecast service for GPS users. In this paper, we present the different tasks developed and done at the RMIB to reach this goal. The project results lead to several Web pages (see <http://gpsatm.oma.be>) where one sees in particular the geomagnetic K index of Dourbes estimated in real time and the comparison between of GPS Total Electronic Content (GPS-TEC) and Ionosonde Electronic Content (IEC)...