



## **EMMA/SANSA ground magnetometer network for studies of the plasmasphere**

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We will present the actual state of the EMMA/SANSA ground magnetometer network which is in operation for the FP7 PLASMON project. This network is used to determine the plasmasphere density with use of recording ULF pulsations. The network is established on the basis of earlier existing networks and magnetic stations. A very important element of the PLASMON activity is to establish new magnetic stations and to integrate old and new stations in one network providing real-time data. The integration and unification concerned data formats, time accuracy of recordings, delays in providing real-time data, as well as apparatus requirements e.g. analog filtration.