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Type : **Poster**

## **Simulation of UHECR events in the upgraded TUS space detector.**

### **Abstract content**

In the TUS detector being prepared for launch on the separate platform the mirror- concentrator is enlarged to 2 sq. m, the photo receiver electronics is ready to register not only short EAS signals (less than 100 microseconds) but also long signals from TLE events. The registration of EAS and TLE events were simulated taking into account data on atmosphere glow and TLE events from the “Universitetsky-Tatiana” satellite. Threshold signals for triggering by EAS and TLE were selected for variable intensity of background atmosphere light.

**If this papers is presented for a collaboration, please specify the collaboration**

### **Summary**

### **Reference**

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