



## **Development and Calibration of Space Flight Instruments at the University of Bern**

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For more than 40 years the Physical Institute of the University of Bern is active in space flight instrumentation. What started in the late 60ies with foil experiments to collect solar wind particles on Apollo missions grew quickly into development of mass spectrometers for different space missions, such as GEOS (1976), GIOTTO (1985), and more.

Nowadays, the division for Space Research and Planetary Sciences of the Physical Institute develops in addition to mass spectrometers as well other instruments, such as pressure gauges, laser altimeters, etc. All these instruments need to be tested and eventually calibrated. Over the years different facilities have been set up at the Physical Institute to do such work. This report will present these facilities with special respect to their unique properties and previous, current and future use.