

**Picture Gallery 2009 from <http://www.hfsjg.ch>**



January: Observatory Gornergrat South (left) on January 10, 2009, shortly before full moon. Retro-reflecting marks on the telescope are visible due to an artificial light source and the moon. (Photo: Dr. Martin Müller, I. Physikalisches Institut, Universität zu Köln)



February: The University of Tsukuba, Japan, is testing its 30cm radio telescope at the Research Station Jungfrauoch by mapping the Milky Way in CO and Cl lines. The telescope is equipped with a 4-K cooled 500 GHz sensitive detector. The final destination of the telescope will be the Antarctic.



March: View of sunrise from Jungfrauoch on a late winter morning.



April: Snow atmosphere interaction experiment: EPFL-EFLUM deployed a 25m long and 2m tall 'fence' consisting of a fiber optical cable to measure a temperature transect in the snow pack with high spatial resolution. Measurements are based on a Raman-optical TDR system. (Photo courtesy of Hendrik Huwald, École Polytechnique Fédérale de Lausanne)



May: Snow probing on Jungfraufirn under harsh weather conditions. Twice a year (spring and fall) snow and firn accumulation on Jungfraufirn is measured as part of the long-term glacier mass balance program of the Grosser Aletschgletscher. (ETH Zürich).



June: Signs of summer on the Aletschgletscher.



July: The solar tracker installed by the UK's National Physical Laboratory that is interfaced with a high resolution FTIR for measuring the radiative transfer through the atmosphere as part of the UK's CAVIAR project on the water vapour continuum. (<http://www.met.reading.ac.uk/caviar/>)



August: The rector of the University of Bern with his staff and members of the directorate HFSJG on an official visit to the research station Jungfrauoch. The University of Bern joined the Foundation HFSJG this year.



September: Fame installation of the first TAUWER project prototype on the Sphinx terrace by the Physics Dept. of the University of Rome “La Sapienza”, together with colleagues from the universities of Bolu and Kafkas Turkey. Data taking of large angle cosmic rays is expected to start in October.



October: Fence of firn cores recovered during a test drilling campaign on Jungfrauojoch (team: FS INVENTOR SA, University of Maine and Paul Scherrer Institut).



November: A bold visitor at Jungfrauoch – looking for a free meal.



December: Winter morning