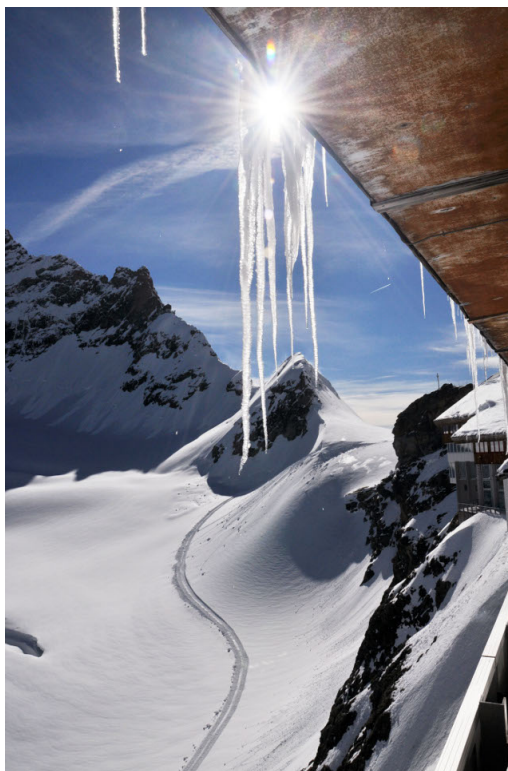
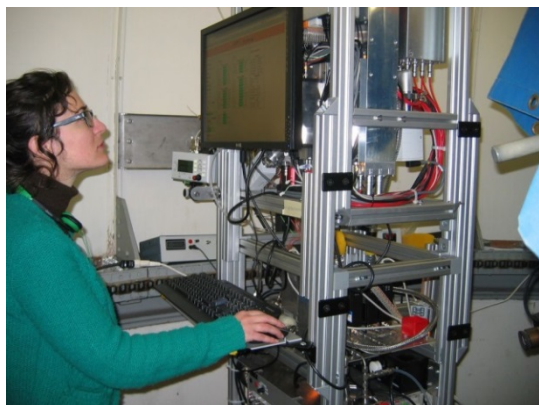


Picture Gallery 2013 from <http://www.hfsjg.ch>



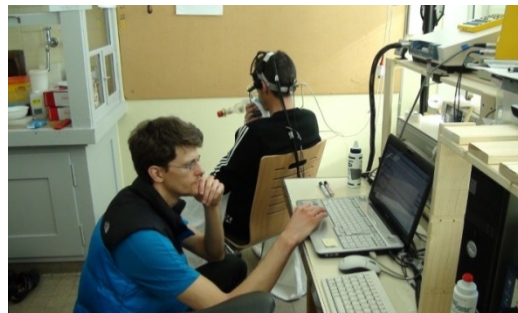
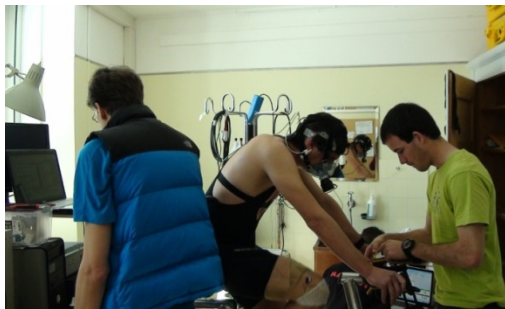
January: View of the Mathildespitze and the Jungfraujoch - the photo was taken by the researcher Pierre Beuret from his sleeping room at the research station Jungfraujoch.



February: Impressions from the CLACE (Cloud and Aerosol Characterisation Experiment) 2013 campaign: In the Sphinx-cupola at Jungfraujoch, new inlets were installed in order to place all participating research groups and their projects. For example the group of the Goethe University Frankfurt (Linda Rondo in the picture), which investigates aerosol nucleation and growth.



March: A project of the Institute of Applied Physics, University of Bern: Atmospheric remote sensing with a STEAMR (Stratosphere-Troposphere Exchange and Climate Monitor Radiometer) 340 GHz receiver prototype at Gornergrat.



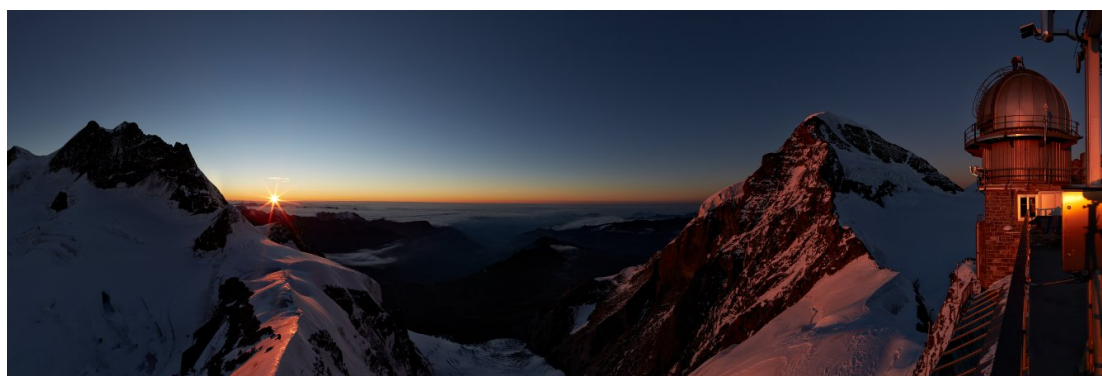
April: Prof. Grégoire Millet and his colleagues from the Institute of Sport Sciences of the University of Lausanne (ISSUL) compared in their research project at Jungfraujoeh the physiological responses during exercise in hypobaric vs normobaric hypoxia.

Picture on top: Researcher controlling the physiological parameters (cerebral oxygenation and blood flow, CO₂ pressure etc.) while the subject breathes against a PEP (positive expiratory pressure).

Picture below: Researchers checking the level of saturation and brain oxygenation as well as the power output while the subject is performing a cycling time trial.



May: Within the framework of the Stellarium Gornergrat project, the RILA 600 telescope as well as the Takashi Mewlon 250, used for observing the planets, will be installed at Gornergrat. For a first test, the impressive telescope was mounted at the University of Bern (picture: Michael Affolter and Patrick Enderli, Space Research and Planetary Sciences, Physics Institute, University of Bern).



June: A beautiful panoramic photo, made on the Sphinx observatory at Jungfrauoch (photo copyright Hans-Peter Sahrhage, www.panoramafotos.ch)



July: Board meeting of the Swiss Physical Society (www.sps.ch/spg) in the library of the research station at Jungfraujoch.



August: The Stellarium Gornergrat project is advancing successively: the University of Bern installed the telescope in the cupola of the south tower of the Kulmhotel at Gornergrat and in the meantime first tests and mechanical adjustments have been made.



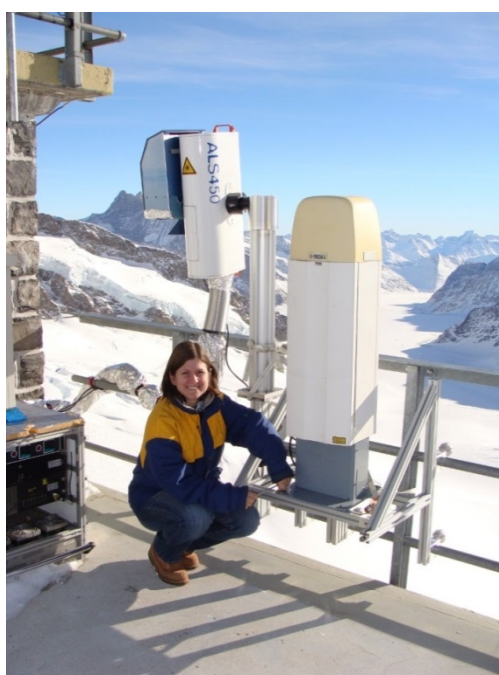
September: The study of the Department of Anesthesiology of the Inselspital Bern in collaboration with DARC (www.darc-airway.com) evaluates aids for intubation under extreme conditions - as for example on the glacier at Jungfrauoch. The picture shows how subjects intubate an anesthesia-dummy.



October: At the beginning of September 2013, astronomers of the University of Bern took the first picture with the recently installed telescope at Gornergrat. The instrument still needs to be precisely aligned, but the picture of M31, better known as the Andromeda Galaxy, gives a hint on the potential of the telescope.



November: In October, a delegation of the High Altitude Research Center (HARC) of the Taif University in Saudi Arabia visited the Foundation HFSJG during three days for an information exchange and a visit to the two research stations Jungfrauoch and Gornergrat. The picture shows Prof. Leuenberger, director HFSJG, Mr. Otz, custodian, Prof. El-Tarras, board member HARC as well as Dr. Al Saeed, director HARC during their visit at the research station Jungfrauoch.



December: Dr. Erika Kienast-Sjögren from the Institute for Atmospheric and Climate Science of the ETH Zurich with the reinstalled ceilometer which measures the lower edge of clouds to see whether there are deep and dense clouds present. Directly above Mrs Kienast you see the Lidar (Leosphere ALS450), an instrument which uses a laser to detect clouds and aerosols. Mrs Kienast is especially interested in measuring cirrus cloud properties in the midlatitudes.

