

**Research at Jungfrauoch – Top of Science**  
**International Scientific Conference in Celebration of the 75<sup>th</sup> Anniversary**  
**of the**  
**High Altitude Research Station Jungfrauoch**  
**Interlaken, Switzerland (Congress Center Casino Kursaal)**  
**September 11-14, 2006**

**Program**

**Monday, September 11, 2006**

Afternoon

14:00 – 14:30	Welcome	
	Welcome by the Vice Rector of the University of Bern	G. Stephan
	Foundation / Patrons' Committee 75 Years HFSJ	H. Balsiger
	MeteoSwiss, 125 Years	D.K. Keuerleber
14:30 – 16:00	Jubilee Session	
	Railway and infrastructure development in the last 75 years	W. Steuri
	Climate and environmental information from extreme locations	Th. Stocker
	Scientific highlights in the last 75 years	E. Flückiger
16:00 – 16:30	CACP 2006 Award Ceremony	U. Baltensperger
16:30 – 17:00	Coffee break	
17:00 – 18:00	Poster 1	
17:30 – 19:00	Ice Breaker	

**Tuesday, September 12, 2006**

Morning

09:00 – 12:30	Vertical Profiles and Long Records	
	Long-term monitoring of greenhouse and ozone-depleting gases at Jungfrauoch	R. Zander & S. Reimann
	Remote sensing of atmospheric water vapor at Jungfrauoch and Bern	N. Kämpfer
10:30 - 11:00	Coffee break	
	In memoriam Prof. Luc Delbouille	E. Flückiger
	Lidar and QCL measurements from Jungfrauoch	H. van den Bergh
	Conference Proceedings	M. Leuenberger
	Poster 2	
12:30 – 14:00	Lunch	

## Tuesday, September 12, 2006

Afternoon

14:00 – 17:30	Long Records and Climate	
	Long records of weather at Jungfrauoch as climate input	Ch. Appenzeller
	Alpine permafrost in a changing climate (and a changing perspective) On the prediction of ice avalanches	S. Gruber M. Funk
15:30 - 16:00	Coffee break	
	Aerosols and Climate Climate relevant aerosol research at the High Altitude Research Station Jungfrauoch, Switzerland	U. Lohmann U. Baltensperger
	Radiation measurements manifest increasing greenhouse warming	R. Philipona
18:00 – 19:30	Podium: Early-Career Scientists	E. Schüpbach

## Wednesday, September 13, 2006

Morning

09:00 – 11:00	Vertical Mixing and Profiles; Health influence	
	Medical implications of O <sub>3</sub> variations in Stratosphere and Troposphere	M. Blumthaler
	Children at high altitude?	S. Kriemler
	Integrated use of ground-based and satellite measurements of atmospheric composition	M. De Mazière
	Palaeo- and present day atmosphere	M. Schwikowski
11:00 – 11:30	Coffee break	
11:30 - 12:30	Poster 3	
12:30 – 14:00	Lunch	

Afternoon

14:00 – 15:30	Networks	
	High mountain observatories	J. Stamenov
	Jungfrauoch, a Global GAW Station	B. Calpini
15:30 – 16:00	Coffee break	
16:00	Poster Awards Closing	H. Gäggeler
18:30 - 22:00	Social Event	

## Thursday, September 14, 2006

Full-day excursion to Jungfrauoch. Visit of the High Altitude Research Station

### Program

08:00 h	Meeting Point: Railway Station Interlaken Ost
08:20 h	Departure from Interlaken Ost
10:37 h	Arrival at Jungfrauoch / Visit to the Research Station and the Sphinx Observatory
13:00 h	Lunch
15:15 h	Departure from Jungfrauoch
17:40 h	Arrival at Interlaken Ost

