

SUNDAY 25 MAY 2014		MONDAY 26 MAY 2014		TUESDAY 27 MAY 2014		WEDNESDAY 28 MAY 2014		
Location	EURAC research Main entrance	Auditorium (Main session)	Conference Hall (Parallel session)	Auditorium (Main session)	Conference Hall (Parallel session)	Auditorium (Main session)	Conference Hall (Parallel session)	
		HIGH ALTITUDE BASIC RESEARCH		HIGH ALTITUDE FOR THE CLINICIAN AND EXPEDITION DOCTOR		HIGH ALTITUDE FOR THE CLINICIAN AND EXPEDITION DOCTOR		
		Session A	Special issues	Session A - Science update	Special issues	Session A	Special issues	
9.00-10.30		Genetic adaptation to high altitude: species and population differences C Beall / J Storz	Workers at high altitude RL Ge / J West	Acute altitude illnesses (AMS, HAPE, HACE) B Basnyat / M Maggiorini	Xtreme Everest 2 D Martin - Resamont 2 project G Miserocchi	Pre-existing cardiac and metabolic diseases at high altitude G Parati / A Luks	Solar irradiation and eye problems at high altitude M Boesch - Kilimanjaro A Kulkarni	
		COFFEE BREAK						
		Session B	Meet the expert	Session B - Science update	Meet the expert	Session B	Meet the expert	
11.00-12.30		Molecular biology of hypoxia J West / M Gassmann	Practical medical problems at base camp U Hefti / L Freer	Chronic mountain sickness RL Ge / F León-Velarde	Requirements for expedition doctors—what to bring and what to know F Berghold / R Fischer	Pre-existing pulmonary, immunologic and neurologic diseases at high altitude E Swenson / A Cogo	Advising mountaineers on planning a trip to high altitude P Hackett / P Bärtsch	
		LUNCH BREAK						
		Session C	Meet the expert	Session C	Meet the expert	Session C	Meet the expert	
14.00-15.30	REGISTRATION (afternoon)	Mitochondria—Key organelle for bioenergetics in hypoxia and cold? E Gnaiger / R Boushel	Prevention and treatment of AMS, HAPE, HACE M Maggiorini / P Hackett	Women and children at high altitude H Messner / D Jean	Prevention and treatment of non-altitude sickness related problems B Basnyat / K Zafren	Presentation of medical societies D Hillebrandt / B Basnyat / F Elsensohn - Mountain medicine diploma courses D Hillebrandt / J Ellerton / S McIntosh	Sport climbing injuries V Schöffel / T Küpper	
		COFFEE BREAK						
		Session D	Future issues	Session D	Future issues	Session D	Future issues	
16.00-17.30			Pros-cons: Hypo- vs. normobaric hypoxia and the influence on exercise performance M Bartscher / R Roach	Ultrasound and NIRS—new tools for research at high altitude M Wilson / G Strapazzon	Pros-cons: Is physiologic testing helpful for predicting the risk of acute high altitude illnesses? P Bärtsch / JP Richalet	Utstein style and GRADE—models for establishing high altitude recommendations? K Monsieurs	Pros-cons: Medications at high altitude—moving on from right and wrong to disclosure J Ellerton	Registries in high altitude and mountain emergency medicine B Walpoth / JK Baillie
		Opening key lecture		Public lecture				
20.00-22.00	High altitude medicine from the 19 <sup>th</sup> to 21 <sup>st</sup> century P Bärtsch EURAC research	Book presentation Wenn Grenzen keine sind: Management und Bergsteigen F Malik EURAC research		The Iceman A Zink / E Egarter Vigl EURAC research				

THURSDAY 29 MAY 2014			
Location	Auditorium (Main session)	Conference Hall (Parallel session)	Seminar Room (Parallel session)
	RESCUE IN NEPAL MEDICAL WORKSHOPS (full day) GUIDED EXCURSIONS (full day)		
9.00-12.00	no sessions		
12.00-14.00	Special issues		
14.00-15.30	Presentation of project initiatives in Nepal B Basnyat / I Tomazin		
15.30-16.00	COFFEE BREAK		
	Panel discussion	Future issues (Panel discussion)	
16.00-17.30	Nepal mountain rescue development projects G Cologne	Revision of the Lake Louise Score P Hackett / JK Baillie	
20.00-22.00	Gala dinner & Keynote speech Bringing medicine to the wild and wilderness medicine to the world <i>P Auerbach</i> Kurhaus, Merano		

[Medical workshops](#) and [guided excursions](#) will also be offered as an alternative programme on Thursday, 29 May 2014.

	FRIDAY 30 MAY 2014			SATURDAY 31 MAY 2014		
Location	Auditorium (Main session)	Conference Hall (Parallel session)	Seminar Room (Parallel session)	Auditorium (Main session)	Conference Hall (Parallel session)	Seminar Room (Parallel session)
	MOUNTAIN EMERGENCY MEDICINE IV. International Symposium on Hypothermia			MOUNTAIN EMERGENCY MEDICINE Trauma, airway & circulation		
	Session A - Clinical update	Special issues	Technical workshop	Session A - Clinical update	Special issues	Technical workshop
9.00-10.30	Accidental hypothermia—prehospital management K Zafren / G Strapazzon	Immersion hypothermia and consequences for rescue and resuscitation J Bierens - Diving: insights into injuries and accidents C Balestra	Stretchers: different models in mountain, canyoning and cave rescue CNSAS South Tyrol	Alpine trauma treatment F Elsensohn / E Visetti	Shoulder dislocation and thoracostomy A Rinaldi - Lightning K Zafren	Rescue strategies in cable car evacuations BRD im AVS
10.30-11.00	COFFEE BREAK					
	Session B - Clinical update	Meet the expert	Technical workshop	Session B - Clinical update	Meet the expert	
11.00-12.30	Accidental hypothermia—in-hospital management B Walpoth / D Brown	Frostbite and crevasse accidents E Cauchy / B Durrer	Rescue of hanging victims: technical and medical aspects CNSAS South Tyrol	Basic and advanced airway management P Paal / I Tomazin	Analgesia in the field J Ellerton - Canyoning and caving rescue I Soteras	
12.30-14.00	LUNCH BREAK					
	Session C	Wilderness workshop	Technical workshop	Session C - Clinical update	Special issues	Technical workshop
14.00-15.30	Avalanche accidents H Brugger / C Grissom	Surviving the cold S McIntosh / G Rodway	Helicopter-supported water rescue Fire Department Bolzano	Circulation management and cardiac arrest in mountain and remote areas J Ellerton / M Milani	Rescue in mountain and remote areas: educational and logistical issues (tba)	Splinting and immobilisation (tba)
15.30-16.00	COFFEE BREAK					
	Session D	Future issues	Technical workshop	Closing key lecture		
16.00-17.30	Traumatic and therapeutic hypothermia—recent developments and open issues P Mair / M Holzer	Avalanche mass casualty accidents—advances in rescue strategies A Kottmann / M Genswein	Insulation techniques in the field BRD im AVS	Recent developments and future perspectives in out-of-hospital resuscitation in mountain areas H Brugger / F Elsensohn - Closing ceremony and presentation of XI. World Congress 2016 B Basnyat / P Hackett		
20.00-22.00	Public lecture Conquering the disbelief—the challenge of man at 8800m <i>R Messner / O Oelz</i> Mountain Messner Museum Firmian, Bolzano			END OF CONGRESS		

## APPLIED AND MEDICAL WORKSHOPS

	TUESDAY 27 MAY 2014	THURSDAY 29 MAY 2014			
Location	EURAC research	Free University of Bolzano	Free University of Bolzano	Free University of Bolzano	
	APPLIED WORKSHOP	MEDICAL WORKSHOPS			
		Workshop 1	Workshop 2		
9.00-12.00		Targeted temperature management in accidental and therapeutic hypothermia P Mair / P Paal	Trauma management E Gruber		
12.00-14.00					
		Workshop 1	Workshop 3 (group 1)	Workshop 4 (group 1)	Workshop 5a
14.00-15.30	High-resolution respirometry and mitochondrial function under hypoxia E Gnaiger		Mechanical chest compression devices in mountain emergency medicine G Putzer / O Reisten	Alternate access for drug and volume administration (IO, MAD) (tba)	Ultrasound at high altitude I—optic nerve P Lochner
15.30-16.00					
16.00-17.30		Workshop 3 (group 2)	Workshop 4 (group 2)	Workshop 5b	
		Mechanical chest compression devices in mountain emergency medicine G Putzer / O Reisten	Alternate access for drug and volume administration (IO, MAD) (tba)	Ultrasound at high altitude II—lung L Pratali	