

In collaboration with

International Society for Mountain Medicine (ISMM)
International Commission for Alpine Rescue (ICAR MEDCOM)
International Mountaineering and Climbing Federation (UIAA MEDCOM)
Wilderness Medical Society (WMS)

Medical workshops

Interactive refresher workshops guarantee practical instruction, open discussion rounds and hands-on time with newest technology Thursday, 29 May 2014

Targeted temperature management in accidental and therapeutic hypothermia

P Mair / P Paal

Trauma management

E Gruber

Mechanical chest compression devices in mountain emergency medicine

G Putzer / O Reisten

Alternate access for drug and volume administration

Ultrasound at high altitude I—optic nerve

P Lochner

Ultrasound at high altitude II—lung

L Pratali

Applied workshop

Specialized instruction in high-resolution respirometry including a demo experiment and open discussion Tuesday, 27 May 2014

High-resolution respirometry and mitochondrial function under hypoxia

E Gnaiger

Practical workshop-excursions

Special offer combination workshop-excursions hosted by instructors from Alaska and Switzerland Thursday, 29 May 2014

Wilderness survival skills

B Homer

Field first aid

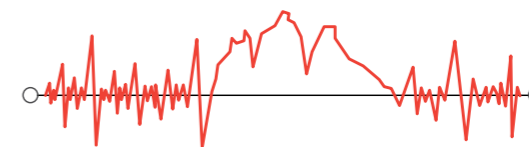
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SPACES ARE LIMITED, REGISTER SOON!

INSTITUTIONAL PARTNERS



WITH ORGANIZATIONAL SUPPORT FROM



X. World Congress on High Altitude Medicine and Physiology & Mountain Emergency Medicine

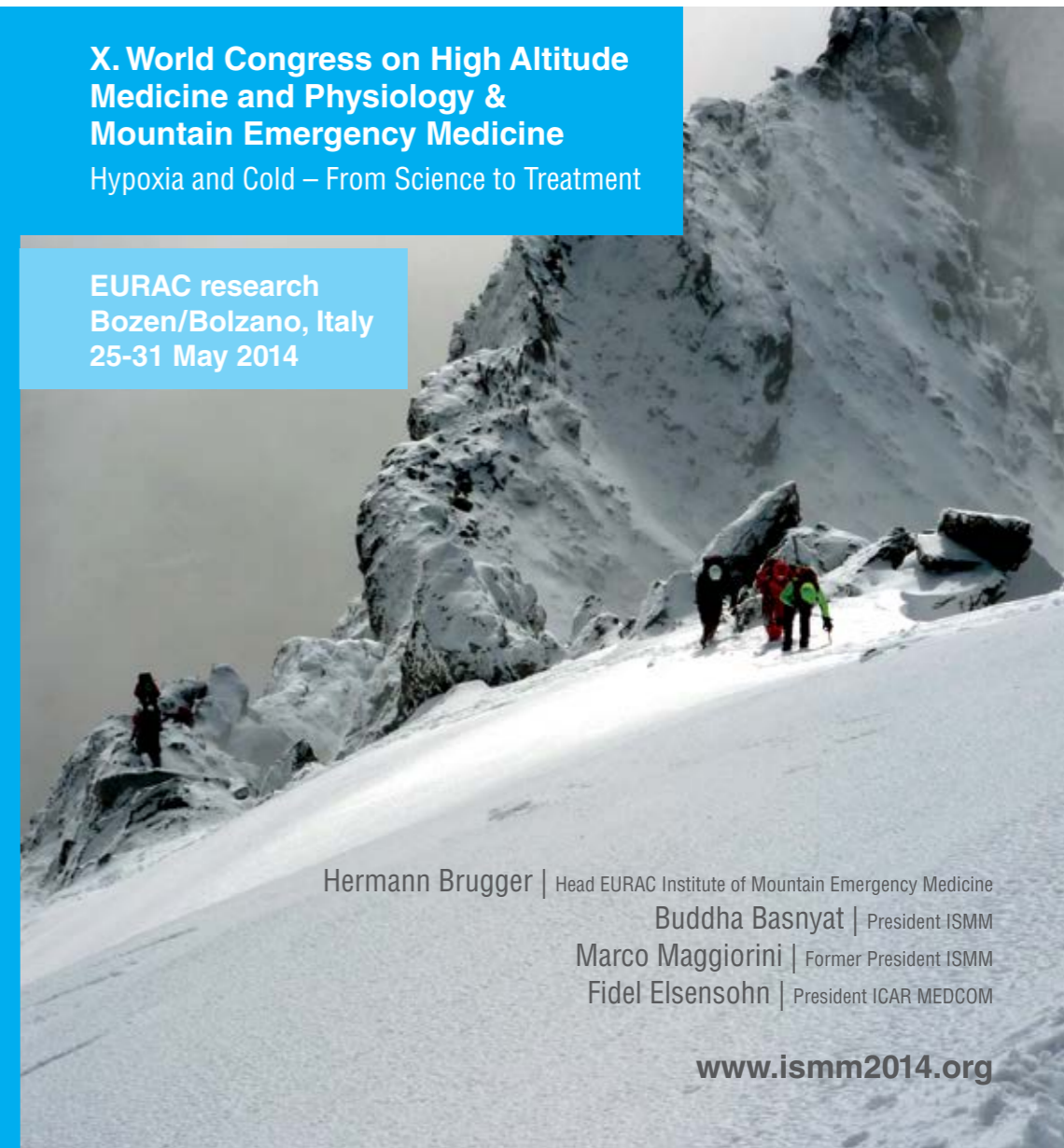
Hypoxia and Cold – From Science to Treatment

EURAC research
Bozen/Bolzano, Italy
25-31 May 2014



EURAC
Institute of Mountain Emergency Medicine

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Hermann Brugger | Head EURAC Institute of Mountain Emergency Medicine

Buddha Basnyat | President ISMM

Marco Maggiorini | Former President ISMM

Fidel Elsensohn | President ICAR MEDCOM

www.ismm2014.org

	SUNDAY 25 MAY 2014	MONDAY 26 MAY 2014		TUESDAY 27 MAY 2014		WEDNESDAY 28 MAY 2014		THURSDAY 29 MAY 2014		FRIDAY 30 MAY 2014			SATURDAY 31 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)	Auditorium (Main session)	Conference Hall (Parallel session)	Auditorium (Main session)	Conference Hall (Parallel session)	Seminar Room (Parallel session)	Auditorium (Main session)	Conference Hall (Parallel session)	Seminar Room (Parallel session)
		HIGH ALTITUDE BASIC RESEARCH		HIGH ALTITUDE FOR THE CLINICIAN AND EXPEDITION DOCTOR		HIGH ALTITUDE FOR THE CLINICIAN AND EXPEDITION DOCTOR		RESCUE IN NEPAL MEDICAL WORKSHOPS (full day) GUIDED EXCURSIONS (full day)		MOUNTAIN EMERGENCY MEDICINE IV. International Symposium on Hypothermia			MOUNTAIN EMERGENCY MEDICINE Trauma, airway & circulation		
9.00-10.30		Session A	Special issues	Session A – Science update	Special issues	Session A	Special issues			Session A – Clinical update	Special issues	Technical workshop	Session A – Clinical update	Special issues	Technical workshop
		Genetic adaptation to high altitude: species and population differences <i>C Beall / J Storz</i>	Workers at high altitude <i>RL Ge / J West</i>	Acute altitude illnesses (AMS, HAPE, HACE) <i>B Basnyat / M Maggiorini</i>	Xtreme Everest 2 D Martin - Resamont 2 project <i>G Miserocchi</i>	Pre-existing cardiac and metabolic diseases at high altitude <i>G Parati / A Luks</i>	Solar irradiation and eye problems at high altitude <i>M Boesch</i> - Killer Kilimanjaro (tba)			Accidental hypothermia— prehospital management <i>K Zafren / G Strapazzon</i>	Immersion hypothermia and consequences for rescue and resuscitation <i>J Bierens</i> Diving: insights into injuries and accidents <i>C Balestra</i>	Stretchers: different models in mountain, canyoning and cave rescue <i>CNSAS South Tyrol</i>	Alpine trauma treatment <i>F Elsensohn / E Visetti</i>	Shoulder dislocation and thoracostomy <i>A Rinaldi</i> - Lightning <i>K Zafren</i>	Rescue strategies in cable car evacuations <i>BRD im AVS</i>
10.30-11.00		COFFEE BREAK		COFFEE BREAK		COFFEE BREAK		no sessions		COFFEE BREAK			COFFEE BREAK		
11.00-12.30		Session B	Meet the expert	Session B – Science update	Meet the expert	Session B	Meet the expert	no sessions		Session B – Clinical update	Meet the expert	Technical workshop	Session B – Clinical update	Meet the expert	
		Molecular biology of hypoxia <i>J West / M Gassmann</i>	Practical medical problems at base camp <i>U Hefli / L Freer</i>	Chronic mountain sickness <i>RL Ge / F León-Velarde</i>	Requirements for expedition doctors— what to bring and what to know <i>F Berghold / R Fischer</i>	Pre-existing pulmonary, immunologic and neurologic diseases at high altitude <i>E Swenson / A Cogo</i>	Advising mountaineers on planning a trip to high altitude <i>P Hackett / P Bärtsch</i>			Accidental hypothermia— in-hospital management <i>B Walpoth / D Brown</i>	Frostbite and crevasse accidents <i>E Cauchy / B Durrer</i>	Rescue of hanging victims: technical and medical aspects <i>CNSAS South Tyrol</i>	Basic and advanced airway management <i>P Paal / I Tomazin</i>	Analgesia in the field <i>J Ellerton</i> - Canyoning and caving rescue <i>I Soteras</i>	
12.30-14.00		LUNCH BREAK		LUNCH BREAK		LUNCH BREAK				LUNCH BREAK			LUNCH BREAK		
14.00-15.30		Session C	Meet the expert	Session C	Meet the expert	Session C	Meet the expert	Special issues		Session C	Wilderness workshop	Technical workshop	Session C – Clinical update	Wilderness workshop	Technical workshop
		Mitochondria— Key organelle for bioenergetics in hypoxia and cold? <i>E Gnaiger / R Boushel</i>	Prevention and treatment of AMS, HAPE, HACE <i>M Maggiorini / P Hackett</i>	Women and children at high altitude <i>H Messner / D Jean</i>	Prevention and treatment of non- altitude sickness related problems <i>B Basnyat / K Zafren</i>	Presentation of medical societies <i>D Hillebrandt / B Basnyat / F Elsensohn</i> - Mountain medicine diploma courses <i>D Hillebrandt / J Ellerton / S McIntosh</i>	Sport climbing injuries <i>V Schöffli / T Küpper</i>	Presentation of project initiatives in Nepal <i>B Basnyat / I Tomazin</i>		Avalanche accidents <i>H Brugger / C Grissom</i>	Surviving the cold <i>S McIntosh / G Rodway</i>	Helicopter-supported water rescue <i>Fire Department Bolzano</i>	Circulation management and cardiac arrest in mountain and remote areas <i>J Ellerton / M Milani</i>	Stings, bites and animal attacks <i>L Freer</i>	Splinting and immobilisation
15.30-16.00	REGISTRATION (afternoon)	COFFEE BREAK		COFFEE BREAK		COFFEE BREAK		COFFEE BREAK		COFFEE BREAK			COFFEE BREAK		
16.00-17.30		Session D	Future issues	Session D	Future issues	Session D	Future issues	Panel discussion	Future issues (panel discussion)	Session D	Future issues	Technical workshop	Closing key lecture		
		Pros-cons: Hypo- vs. normobaric hypoxia and the influence on exercise performance <i>M Burtscher / R Roach</i>	Ultrasound and NIRS— new tools for research at high altitude <i>M Wilson / G Strapazzon</i>	Pros-cons: Is physiologic testing helpful for predicting the risk of acute high altitude illnesses? <i>P Bärtsch / JP Richalet</i>	Utstein style and GRADE—models for establishing high altitude recommendations? <i>K Monsieurs</i>	Pros-cons: Medications at high altitude—moving on from right and wrong to disclosure <i>J Ellerton</i>	Registries in high altitude and mountain emergency medicine <i>B Walpoth / JK Baillie</i>	Nepal mountain rescue development projects <i>G Cologna</i>	Revision of the Lake Louise Score <i>P Hackett / JK Baillie</i>	Therapeutic hypothermia—recent developments and open issues <i>P Mair / M Holzer</i>	Avalanche mass casualty accidents—advances in rescue strategies <i>A Kottmann / M Genswein</i>	Insulation techniques in the field <i>BRD im AVS</i>	Recent developments and future perspectives in out-of-hospital resuscitation in mountain areas <i>H Brugger / F Elsensohn</i> - Closing ceremony		
20.00-22.00	Opening key lecture	Book presentation		Public lecture				Gala dinner & Keynote speech		Public lecture			END OF CONGRESS		
	High altitude medicine from the 19 th to 21 st century <i>P Bärtsch</i> EURAC research	Wenn Grenzen keine sind: Management und Bergsteigen <i>F Malik</i> EURAC research		The Iceman <i>A Zink / E Egarter Vigl</i> EURAC research				Bringing medicine to the wild and wilderness medicine to the world <i>P Auerbach</i> Kurhaus, Merano		Conquering the disbelief—the challenge of man at 8800m <i>R Messner / O Oelz</i> Mountain Messner Museum Firmian, Bolzano					