

PRELIMINARY CALL

MOUNTAIN EMERGENCY MEDICINE tips & tricks waiting for MILANO - CORTINA 2026



MILANO, 7-8 OTTOBRE 2022

INTERNATIONAL MASTER COURSE MOUNTAIN EMERGENCY MEDICINE
UNIVERSITÀ DELL'INSUBRIA - UNIVERSITÀ DI MILANO BICOCCA,



CON LA COLLABORAZIONE DI I-HELP s.r.l



MOUNTAIN EMERGENCY MEDICINE: TIPS & TRICKS waiting for MILANO CORTINA 2026

INTERNAL SIMPOSIUM

DATE

07 - 08 Ottobre 2022

LOCATION

MILANO
Palazzo Lombardia,
Sala Testori

INTERNATIONAL MASTER COURSE
MOUNTAIN EMERGENCY MEDICINE

UNIVERSITÀ DELL'INSUBRIA,
UNIVERSITÀ DI MILANO BICOCCA



CON LA COLLABORAZIONE DI



DIRETTORE

Luigi Festi,
Uninsubria - ASST Sette Laghi

PRESIDENTE

Hermann Brugger,
EURAC Research, Ist. of Mountain Emerg. Med. Bolzano, Innsbruck University

COMITATO SCIENTIFICO

Federico Emiliano Ghio, Amministratore I- Help
Giacomo Strapazzon, EURAC Research, Ist. of Mountain Emerg. Med. Bolzano
Giulio Carcano, Uninsubria
Ken Zefren, Anchorage Emergency Department, Stanford University
Lorenza Pratali, CNR Pisa, Presidente della Società italiana di Medicina di Montagna
Paolo Severgnini, ASST Settelaghi, Uninsubria
Gianfranco Parati, UNIMIB
Alberto Zoli, Direttore Generale AREU Lombardia

SEGRETERIA

Sara Bonizzato, I-HELP, Meditelsport
Luca Carenzo, Humanitas, I-Help
Niccolò Stomeo, Humanitas, I-Help
Nicholas Mariani, I-Help
Alessandro Negri, I-Help

TOPICS

- High Altitude Illness, Acclimatization and Physiological Adaptation.
- Hypothermia and avalanches.
- SAR Operations and Trauma Management in Mountains and Harsh Environment: The Future, New Technologies, Environment Respect.
- Training of rescue team under extreme climatic conditions and in the practice of Olympic Winter Sports.

ECM per

Specialisti in Anestesia e rianimazione
Specialisti in Medicina dello Sport
Specialisti in Medicina di Montagna
Specialisti in Chirurgia Generale
Specialisti in Ortopedia
Infermieri

ACCREDITO per

Soccorritori
Soccorritori CNSAS

DAY 01

MOUNTAIN EMERGENCY MEDICINE: TIPS & TRICKS waiting for MILANO CORTINA 2026



I-HELP
by
BSO

SESSION 1

High Altitude Illness, hypoxic atmosphere, acclimatization and Physiological Adaptation



MODERATORI

Hermann Brugger
Luigi Festi
Peter Paal

SESSION 2

Mountain Medicine - Il Medico di Montagna: centro della riorganizzazione sanitaria territoriale in regioni impervie



MODERATORI

Angelo Tagliabue
Fiorenzo Corti
Francesco Laurelli

AULA A

INIZIO

08:00 - 08:45 Registrazione
08:45 - 09:00 Saluto delle autorità

SESSION 1 • Overview

09:00 - 09:15 Alpine Universities: research network in climate changes **Angelo Tagliabue**

09:15 - 09:30 Alpine Universities: research network in climate changes : the glaciologist point of view **Claudio Smiraglia**

09:30 - 09:45 Alpine Universities: research network in climate changes: The mountain doctor point of view **Hermann Brugger**

09:45 - 10:00 Eye to the future: Diploma in Mountain Emergency Medicine, Diploma in Diving and Marine Medicine **Luigi Festi**

10:00 - 10:30 Coffee break

10:30 - 11:00 **Lectio Magistralis - High Altitude Illness** **Peter Hackett**

11:00 - 11:15 About high altitude pathophysiology **Erik Swenson**

11:15 - 11:30 Aerobic exercise training and and Chronic Mountain Sickness **Jean Paul Richalet**

11:30 - 11:45 OSAS for traveler ad adventurer in High altitude filed, story of apnea ad hypoxia **Andrew Luks**

11:45 - 12:00 Pulmonary disease and altitude: clinical features and treatment **Annalisa Cogo**

12:00 - 12:15 Cardiovascular Diseases in adventurer and traveler **Gianfranco Parati**

12:30 - 12:45 CPX for training and evaluation in worker, adventurer and mountain traveler **Piergiuseppe Agostoni**

12:45 - 13:00 Sport Nutrition: from running to climbing, what the future **Sara Bonizzato**

13:00 - 13:15 Mountain training: from running to climbing **Uni Cattolica ?**

13:15 - 13:30 Confined spaces, hypoxic atmosphere and workers safety: a lesson from the mountain **Simona Mrakic**

13:30 - 14:30 Lunch e Visita allo spazio espositivo

14:30 - 14:45 PREHOSPITAL **Iztok Tomazin**

14:45 - 15:00 The Emergency Department and Mountain Rescue (Winter Olympics outlook) **Oswaldo Chiara**

15:00 - 15:15 Politrauma from the mountains **Pierre Bouzat**

15:15 - 15:30 Training, Skills and Team in a trauma center: Tips and Tricks **Giulio Carcano**

15:30 - 15:45 Role of HF simulation and clinical case scenarios in alpine environment **Luca Carenzo**

15:45 - 16:00 Coffee break

16:00 - 16:10 Le sfide della medicina nelle comunità montane **Lorenza Pratali**

16:10 - 16:20 Il giovane medico di Guardia Medica in Montagna: tips and tricks **Andrea Tomaselli**

16:20 - 16:30 Il ruolo dell'Infermiere **Cristian Valeri**

16:30 - 16:40 Gestione delle patologie croniche nelle comunità montane **Sponsor**

16:40 - 16:50 Il PSSR nella Medicina di Montagna **Regione Lombardia**

16:50 - 17:00 Telemedicina: una grande occasione per innovare la sanità; affidabilità problemi etici e giuridici **Guido Giardini**

17:10 - 17:20 Le nuove tecnologie a disposizione del clinico **Guido Giardini + sponsor**

17:20 - 17:30 Dibattito & take home message

SESSION 3

Emergency procedures in alpine setting: young doctors and nurses training course



REFERENTI

Luca Carenzo
Nicholas Mariani
Murad Odeh
Piermaria Gnechchi Ruscone



AULA B

SESSION 4

Round Table: Target Winter Olympics Milano - Cortina 2026. How we want: Field rescue to Hospital



MODERATORI

Federico Emiliano Chio
Luigi Festi
Alberto Zoli
Andrea Apollonio



AULA D

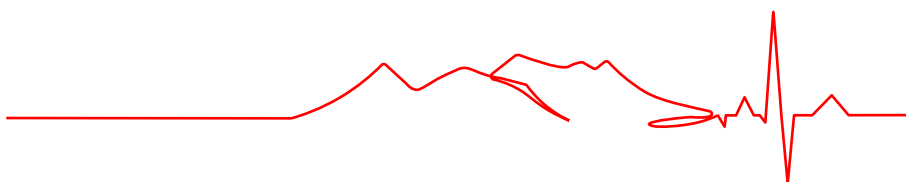
SESSION 5

Mountaineering: Back to Origins



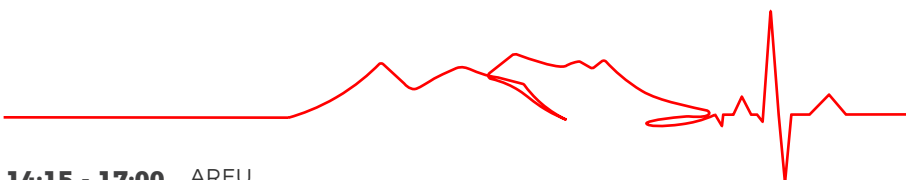
MODERATORI

Mario Casella
Piergiuseppe Agostoni



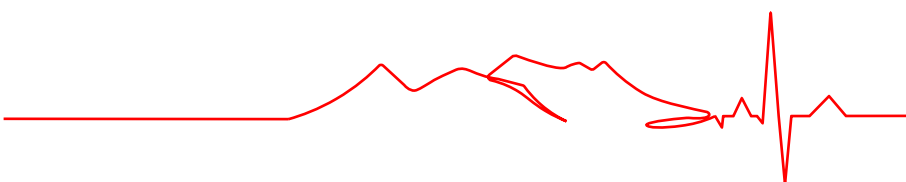
6 stazioni di simulazione, 30 minuti a stazione, 4 rotazioni. I partecipanti vengono assegnati a 4 stazioni in ordine casuale al momento della registrazione al percorso pratico

14:30 - 17:00	Simulazione A	Valutazione Primaria in Ambiente Montano	Dario Franchi
	Simulazione B	Ipotermia e Valanga	Mario Milani + Giacomo Strapazzon
	Simulazione C	Elisoccorso e Vie Aeree	Gianluca Facchetti (Direttore SNAMED)
	Simulazione D	Drenaggio Toracico	Erika Borrotto
	Simulazione E	Via Aerea Chirurgica	Murad Odeh
	Simulazione F	FAST (Eco-fast)	Lorenzo Gamberini



14:15 - 17:00	AREU SUEM Carabinieri Finanza Vigili del Fuoco Soccorso Alpino Federazione italiana Sport Invernali Zermatt experience Aiut Alpin Bertgacht Bayern Austria, l'altra parte delle Alpi Monte Bianco-soccorso alpino versante italiano Monte Bianco - soccorso alpino versante francese
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17:00 - 17:30	What Future in Mountain Rescue?	Gerold Biner, Bruno Jelk
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17:30 - 18:30	Mountaineering: Back to origins	Matteo Della Bordella
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DAY 02

MOUNTAIN EMERGENCY MEDICINE: TIPS & TRICKS waiting for MILANO CORTINA 2026



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SESSION 2

**SAR Operations and Trauma
Management in Mountains,
Impervious and Hitches
Environment**



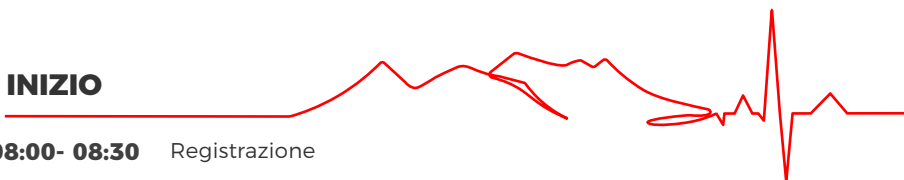
MODERATORI

Peter Hackett
Luigi Festi
Mario Milani
Paolo Severgnini

CONTATTI

INIZIO

08:00- 08:30 Registrazione



- 08:30 - 09:00 **Lectio Magistralis - 50 years Research in Hypothermia and Avalanches** Hermann Brugger
- 09:00 - 09:15 Management of avalanche buried and hypothermic patients: from bench to bedside Giacomo Strapazzon
- 09:15 - 09:30 CPR in special circumstances Mathieu Pasquier
- 09:30 - 09:45 Extracorporeal Membrane Oxygenation in hypothermic patients: is it the time for a new organizational approach? Fabio Sangalli
- 09:45 - 10:00 "harness-induced pathology" or "orthostatic shock while suspended" - Management in suspension trauma Giacomo Strapazzon
- 10:15 - 10:30 Alpine Rescue: new technologies and future developments - HEMS/SAR operator point of view in mountain and hilly environment Jasmine Lienert
- 10:30 - 10:45 Alpine Rescue: HEMS/SAR Paolo Severgnini
- 10:45 - 11:00 **Hypothermia: new advances in extrahospital treatment** Peter Paal
- 11:00 - 11:15 Coffee break
- 11:15 - 11:30 Risk Management in Mountain HEMS Gerold Biner
- 11:30 - 11:45 Take home messages from military experience COVI
- 11:45 - 12:00 Take home messages from civilian experience Gianluca Marconi
- 12:00 - 12:15 Technical adversity in mountain medicine and emergency Patrick Wenger
- 12:15 - 12:30 Management of a mass event in alpine setting: new lights in an old challenge Federico Emiliano Ghio
- 12:30 - 12:45 Event Health Safety during mountain competition Andrea Apollonio
- 12:45 - 13:00 Closing ceremony

E-mail

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