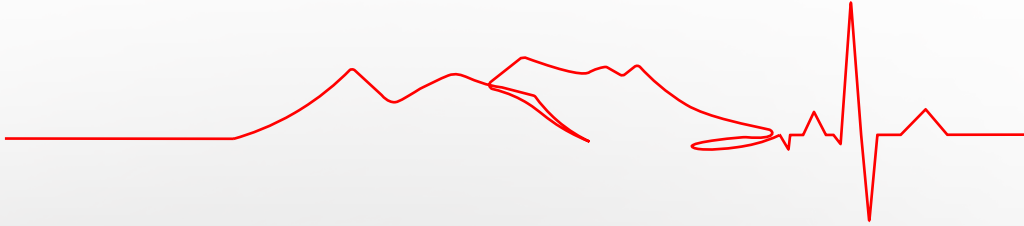


con il patrocinio di



Regione  
Lombardia

MOUNTAIN EMERGENCY MEDICINE  
*an overview on the future of rescue  
and sport in the alpine environment*



**ITALY - VARESE, OCTOBER 7<sup>TH</sup> - 8<sup>TH</sup>, 2022**

ORGANIZERS:

INTERNATIONAL MASTER COURSE MOUNTAIN EMERGENCY MEDICINE  
UNIVERSITY OF INSUBRIA, UNIVERSITY OF MILANO - BICOCCA,



**eurac**  
research

**IHELP**  
by  
**BSO**

con il patrocinio di



# MOUNTAIN EMERGENCY MEDICINE

an overview on the  
future of rescue  
and sport in the  
alpine environment

## DATE

07 - 08 October 2022

## LOCATION

UNIVERSITY OF INSUBRIA  
via Ravasi, 2  
21100 Varese (VA)

Aula Magna

INTERNATIONAL MASTER COURSE  
MOUNTAIN EMERGENCY MEDICINE

UNIVERSITY OF INSUBRIA,  
UNIVERSITY OF MILAN - BICOCCA



eurac  
research

## BOARD

Luigi Festi - Editor in Chief

Hermann Brugger - Congress President

## SCIENTIFIC COMMITTEE

Federico Emiliano Ghio

Giacomo Strapazzon

Giulio Carcano

Lorenza Pratali

Paolo Severgnini

Gianfranco Parati

Alberto Zoli

## ORGANIZING COMMITTEE

Sara Bonizzato

Luca Careno

Niccolò Stomeo

Nicholas Mariani

Piermaria Gneccchi Ruscone

## ORGANIZING SECRETARIAT

I-HELP s.r.l.

Via I Maggio, 4 - 20056 Grezzago (MI)

Phone: 0294752887

E-mail: [eventi@i-help.it](mailto:eventi@i-help.it)

## DETAILS

**REGISTRATION FORM:** <https://forms.gle/jknbDV7TZFGJES8W8>

**REGISTRATION DEADLINE:** 25 September 2022

Language: Italian/English

### Registration Fee\*

- Doctor € 70
- Nurse, Physiotherapist, Paramedics, Sport Trainer € 45
- Student FREE  
(Medical, Nursing, Paramedic, Physiotherapy, Exercise & sport Science)
- CAI Medical Commission member FREE
- CNSAS and SIMeM member € 60

con il patrocinio di



# DAY 01 MOUNTAIN EMERGENCY MEDICINE

an overview on the future of rescue and sport in the alpine environment



## SCIENTIFIC PROGRAMME



<b>08:45 - 09:00</b>	Opening session: The role of Alpine Universities in Climate Change	Angelo Tagliabue
<b>09:00- 09:20</b>	Alpine Universities: research network in climate changes. The glaciologist point of view	Claudio Smiraglia
<b>09:20 - 09:40</b>	Alpine Universities: research network in climate changes. The mountain doctor point of view	Guido Giardini
<b>09:40 - 09:55</b>	Climate Change and Olympic Winter Games: the role of high academic training in Mountain Emergency Medicine	Luigi Festi
<b>09:55 - 10:15</b>	Extracorporeal Membrane Oxygenation in hypothermic patients: is it the time for a new organizational approach?	Fabio Sangalli
<b>10.15 - 10.30</b>	Coffee break	
<b>10:30 - 11:00</b>	Lectio Magistralis - High Altitude Illness	Peter Hackett
<b>11:00 - 11:20</b>	Persistence of Foramen Ovale and high altitude pulmonary edema	Jean Paul Richalet
<b>11:20 - 11:40</b>	OSAS for travelers ad adventurer in High altitude, a story of apnea ad hypoxia	Andrew Luks
<b>11:40 - 12:00</b>	Pulmonary diseases and altitude: clinical features and treatments	Annalisa Cogo
<b>12:00 - 12:10</b>	Break	
<b>12:10 - 12:30</b>	Trail running	Marco Patacchini
<b>12:30 - 13:00</b>	Take Home Message from Chairmans	Luigi Festi
<b>13:00 - 14:10</b>	Lunch session - Only for faculty and authorities	
<b>14:10 - 14:30</b>	The Emergency Department and Mountain Rescue	Oswaldo Chiara
<b>14:30 - 14:50</b>	Polytraumas in the mountains	Günther Sumann
<b>14:50 - 15:10</b>	Training, Skills and Team dynamics in a trauma center: Tips and Tricks	Giulio Carcano
<b>15.10 - 15.30</b>	A shared mental model for mountain and emergency medicine: the role of simulation	Luca Carenzo
<b>15.30 - 15.50</b>	The Diploma in Mountain Emergency Medicine: a New Approach	Jason William
<b>15.50 - 16.00</b>	Break	
<b>16.00 - 16.20</b>	The challenge of medicine in the mountain communities	Lorenza Pratali
<b>16.20 - 16.35</b>	The young general practitioner in the mountains: Tips and Tricks	Andrea Tomaselli
<b>16.35 - 16.50</b>	The role of the nurse in the mountain community	Cristian Valeri
<b>16.50 - 17.10</b>	Telemedicine and new technologies: innovation in the healthcare, ethical and legal dilemmas	Guido Giardini
<b>17.10 - 17.30</b>	What is the future of mountain Rescue?	Gerold Biner, Bruno Jelk, Luigi Festi, Alberto Zoli, Matteo della Bordella

con il patrocinio di



Regione  
Lombardia

# DAY 01

## MOUNTAIN EMERGENCY MEDICINE

an overview on the future of rescue and sport in the alpine environment



# DAY 02

## MOUNTAIN EMERGENCY MEDICINE

an overview on the future of rescue and sport in the alpine environment



### SIMULATION TRACK:

*Interactive afternoon where participants will have the opportunity to try "hand-on" the management of some classic mountain emergency medicine clinical cases. Participants will be divided in small groups and will rotate between high fidelity simulations and case-based discussions.*

Erika Borotto (coordinator) Giuliano Zocchi, Benedetta Franchi, Elisa Chironi, Federica Giuffrida, Andrea Fiorini, Lorenzo Gamberini.

**14:30 - 15:15** Simulation track 1 (45")

**15:15 - 16:00** Simulation track 2 (45")

**16:15 - 17:00** Simulation track 3 (45")



<b>09:00 - 09:30</b>	Lectio Magistralis - 50 years Research in Hypothermia and Avalanches	Hermann Brugger
<b>09:30 - 09:50</b>	'They are dead' -How doctors brought seven frozen lake victims back from an icy grave	Michael Jaeger Wanscher
<b>09:50 - 10:10</b>	Management of avalanche buried and hypothermic patients: from bench to bedside	Giacomo Strapazon
<b>10:10 - 10:30</b>	New Rescue technologies and climate change	Paolo Comune
<b>10:30 - 10:50</b>	Alpine Rescue: HEMS/SAR	Mauro Del Romano
<b>10:50 - 11:10</b>	Risk Management in Mountain HEMS	Gerold Biner
<b>11:10 - 11:20</b>	Coffee Break	
<b>11:20 - 11:40</b>	Take home messages from civilian experience	Mario Teruzzi
<b>11:40 - 12:00</b>	Technical adversities in mountain medicine and emergency medicine	Patrick Wenger
<b>12:00 - 12:20</b>	Management of a mass event in alpine setting: new perspectives in an old challenge	Federico Ghio
<b>12:20 - 12:50</b>	Cardiovascular Diseases in Mountaineering	Gianfranco Parati
	Closing ceremony	Luigi Festi



con il patrocinio di



# MOUNTAIN EMERGENCY MEDICINE

an overview on the  
future of rescue  
and sport in the  
alpine environment



## FACULTY

- 
- Gerold Biner**, Pilot and General Manager Air Zermatt, Zermatt  
**Sara Bonizzato**, I-HELP, Meditelsport, Milano  
**Hermann Brugger**, EURAC Research, Institute of Mountain Emergency Medicine, Innsbruck University, Bolzano  
**Giulio Carcano**, University of Insubria - ASST Settelaghi, Varese  
**Luca Carengo**, Humanitas Hospital, Rozzano - Milano  
**Osvaldo Chiara**, Emergency Department, Trauma Center, Niguarda Hospital, Milano University, Milano  
**Annalisa Cogo**, Sport and Pulmonary - High Altitude Medicine, University of Ferrara, Ferrara  
**Paolo Comune**, Alpine Rescue, Valle D'Aosta, Aosta  
**Matteo Della Bordella**, Alpinist and Mountain Guide - Ragni di Lecco, Varese  
**Mauro Del Romano**, HEMS Association - AREU Lombardia, Varese  
**Luigi Festi**, University of Insubria, Master Mountain Emergency Medicine, Varese  
**Federico Ghio**, I-HELP, Milano  
**Guido Giardini**, Regional Health Director Valle d'Aosta, Fondazione Montagna Sicura, Aosta  
**Piermaria Gnechi Ruscone**, I-HELP, Milano  
**Peter Hackett**, Altitude Research Center, Division of Pulmonary Science and Critical Care Medicine, Department of Medicine, University of Colorado, Telluride  
**Bruno Jelk**, Alpine Guide and Rescuer, Air-Zermatt, Zermatt  
**Andrew Luks**, Critical Care Medicine, Pulmonary and Respiratory Disease Care, University of Washington, Seattle  
**Nicholas Mariani**, I-HELP, Milano, Italy  
**Fulvio Massa**, FIDAL, Italian Athletics Federation - Trail Running, Alessandria  
**Simona Mrakic**, Clinic Physiology -CNR, Pisa - Roma  
**Gianfranco Parati**, Cario-Neuro-Metabolic Department, Istituto Auxologico - University of Milano - Bicocca, Milano  
**Marco Patacchini**, Technosmedica, Aosta  
**Lorenza Pratali**, CNR Pisa, Società Italiana Medicina di Montagna, SiMeM, Pisa  
**Jean Paul Richalet**, High Altitude Physiology, Université Sorbonne Paris Nord, Paris  
**Fabio Sangalli**, ASST Valtellina e Alto Lario, SiMeM, Sondrio  
**Paolo Severgnini**, ASST Settelaghi - University of Insubria, Varese  
**Claudio Smiraglia**, Physical Geography, Glaciologist, Milano State University, Milano  
**Niccolò Stomeo**, Humanitas Hospital, Rozzano - Milano  
**Giacomo Strapazzon**, Institute of Mountain Emergency Medicine, EURAC Research, Bolzano  
**Günther Sumann**, Intensive Care Unit, SR RWS, ICAR MedCom, Rebstein  
**Angelo Tagliabue**, Rector University of Insubria, Varese  
**Mario Teruzzi**, AREU Lombardia, Milano  
**Andrea Tomaselli**, Milano State University, Lodi  
**Cristian Valeri**, I-HELP, Milano  
**Michael Jaeger Wanscher**, Rigshospitalet's Heart Center, Copenhagen  
**Patrick Wenger**, Air-Zermatt Training Center, Zermatt  
**Jason Williams**, Mountain Medicine Center, University of New Mexico, Albuquerque  
**Alberto Zoli**, General Director AREU Lombardia, Milano

## SPONSORS



CLINICA SAN MARTINO



REDAX®

Rescuepress

PRO ERUDIO | NEMO RESIDEO

