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

ITALY - VARESE, OCTOBER 7th - 8th, 2022

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

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

DATE
07 - 08 October 2022

LOCATION
UNIVERSITY OF INSBRIA
via Ravasi, 2
21100 Varese (VA)
Aula Magna

INTERNATIONAL MASTER COURSE MOUNTAIN EMERGENCY MEDICINE

UNIVERSITY OF INSBRIA.
UNIVERSITY OF MILAN - BICOCCA

ORGANIZING COMMITTEE
Sara Bonizzato
Luca Carenzo
Niccolò Stomeo
Nicholas Mariani
Piermaria Gncchi Ruscone

ORGANIZING SECRETARIAT
I-HELP s.r.l.
Via I Maggio, 4 - 20056 Grezzago (MI)
Phone: 0294752887
E-mail: eventi@i-help.it

DETAILS

REGISTRATION FORM: https://forms.gle/jknbDV7TZFCJES8W8

REGISTRATION DEADLINE: 25 September 2022

Language: Italian/English

Registration Fee*

- Doctor € 70
- Nurse, Physioterapist, Paramedics, Sport Trainer € 45
- Student (Medical, Nursing, Paramedic, Physiotherapy, Exercise & sport Science) FREE
- CAI Medical Commission member FREE
- CNSAS and SIMeM member € 60
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:45 - 09:00</td>
<td>Opening session: The role of Alpine Universities in Climate Change</td>
<td>Angelo Tagliabue</td>
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<tr>
<td>09:00 - 09:20</td>
<td>Alpine Universities: research network in climate changes. The glaciologist point of view</td>
<td>Claudio Smiraglia</td>
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<tr>
<td>09:20 - 09:40</td>
<td>Alpine Universities: research network in climate changes. The mountain doctor point of view</td>
<td>Guido Giardini</td>
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<tr>
<td>09:40 - 09:55</td>
<td>Climate Change and Olympic Winter Games: the role of high academic training in Mountain Emergency Medicine</td>
<td>Luigi Festi</td>
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<tr>
<td>09:55 - 10:15</td>
<td>Extracorporeal Membrane Oxygenation in hypothermic patients: is it the time for a new organizational approach?</td>
<td>Fabio Sangalli</td>
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<tr>
<td>10:15 - 10:30</td>
<td>Coffee break</td>
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<tr>
<td>10:30 - 11:00</td>
<td>Lectio Magistralis - High Altitude Illness</td>
<td>Peter Hackett</td>
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<tr>
<td>11:00 - 11:20</td>
<td>Persistence of Foramen Ovale and high altitude pulmonary edema</td>
<td>Jean Paul Richalet</td>
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<td>11:20 - 11:40</td>
<td>OSAS for travelers ad adventurer in High altitude, a story of apnea ad hypoxia</td>
<td>Andrew Luks</td>
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<td>11:40 - 12:00</td>
<td>Pulmonary diseases and altitude: clinical features and treatments</td>
<td>Annalisa Cogo</td>
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<td>12:00 - 12:10</td>
<td>Break</td>
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<tr>
<td>12:10 - 12:30</td>
<td>Trail running</td>
<td>Marco Patacchini</td>
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<tr>
<td>12:30 - 13:00</td>
<td>Take Home Message from Chairmans</td>
<td>Luigi Festi</td>
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<tr>
<td>13:00 - 14:10</td>
<td>Lunch session - Only for faculty and authorities</td>
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<tr>
<td>14:10 - 14:30</td>
<td>The Emergency Department and Mountain Rescue</td>
<td>Osvaldo Chiara</td>
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<tr>
<td>14:30 - 14:50</td>
<td>Polytraumas in the mountains</td>
<td>Günther Sumann</td>
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<tr>
<td>14:50 - 15:10</td>
<td>Training, Skills and Team dynamics in a trauma center. Tips and Tricks</td>
<td>Giulio Carcano</td>
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<tr>
<td>15:10 - 15:30</td>
<td>A shared mental model for mountain and emergency medicine: the role of simulation</td>
<td>Luca Carenzo</td>
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<tr>
<td>15:50 - 16:00</td>
<td>Break</td>
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<tr>
<td>16:00 - 16:20</td>
<td>The challenge of medicine in the mountain communities</td>
<td>Lorenza Pratali</td>
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<tr>
<td>16:20 - 16:35</td>
<td>The young general practitioner in the mountains: Tips and Tricks</td>
<td>Andrea Tomaselli</td>
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<tr>
<td>16:35 - 16:50</td>
<td>The role of the nurse in the mountain community</td>
<td>Cristian Valeri</td>
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<tr>
<td>16:50 - 17:10</td>
<td>Telemedicine and new technologies: innovation in the healthcare, ethical and legal dilemmas</td>
<td>Guido Giardini</td>
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<tr>
<td>17:10 - 18:30</td>
<td>What is the future of mountain Rescue?</td>
<td>Gerold Biner, Bruno Jelk, Luigi Festi, Alberto Zoli, Matteo della Bordella</td>
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</table>
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.

14:30 – 15:15  Simulation track 1 (45’)
15:15 – 16:00  Simulation track 2 (45’)
16:15 – 17:00  Simulation track 3 (45’)

FACULTY

Erika Borotto, ASST Settelaghi, Varese
Elisa Chironi, ASST Settelaghi, Varese
Andrea Fiorini, ASST Settelaghi, Varese
Benedetta Franchi, ASST Settelaghi, Varese
Lorenzo Gamberini, Maggiore Hospital, Bologna
Federica Giuffrida, ASST Settelaghi, Varese
Giulia Roveri, Milan State University, Milano
Giuliano Zocchi, ASST Settelaghi, Varese

09:00 - 09:30  Lectio Magistralis - 50 years Research in Hypothermia and Avalanches  Hermann Brugger
09:30 - 09:50  'They are dead' - How doctors brought seven frozen lake victims back from an icy grave  Michael Jaeger Wanscher
09:50 - 10:10  Management of avalanche buried and hypothermic patients: from bench to bedside  Giacomo Strapazzon
10:10 - 10:30  The future of Mountain Rescue  Paolo Comune
10:30 - 10:50  Alpine Rescue: HEMS/SAR  Mauro Del Romano
10:50 - 11:10  Risk Management in Mountain HEMS  Gerold Biner
11:10 - 11:20  Coffee Break
11:20 - 11:40  Take home messages from civilian experience  Mario Teruzzi
11:40 - 12:00  Technical adversities in mountain medicine and emergency medicine  Patrick Wenger
12:00 - 12:20  Management of a mass event in alpine setting: new perspectives in an old challenge  Federico Chio
12:20 - 12:50  Cardiovascular Diseases in Mountaineering  Gianfranco Parati
              Closing ceremony  Luigi Festi
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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 Carenzo, 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
Mauro 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 Onecchi Ruscione, 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 Ricalet, 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, Dept. of Anesthesiology and Intensive Care Medicine, Feldkirch, Austria
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 Hearth 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

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