



Virtual ICAR Conference 2021

Version from: 19.10.2021

| Conference Program - Thursday - 21. October 2021 | | | | |
|--|---|--|---|---|
| Time (CET) | Commission | Presentation | Speaker | Details |
| 17:00 - 17:15 | | | Moderator ICAR MEDCOM President John Ellerton | Welcome and Introduction - President Franz Stämpfli |
| 17:15 - 17:45 | MEDCOM / AVACOM / TERCOM | Updates in Avalanche Medicine | Dr. Bernd Wallner, Medical University of Innsbruck Institute of Mountain Emergency Medicine EURAC Research, South Tyrol | Cooling Rates and CPR with Restricted Patient Access - Implication for Avalanche Rescue |
| 17:45 - 18:15 | MEDCOM | Stress injury - a personal encounter | Alison Sheets, Vice President ICAR MEDCOM, MRA, USA John Ellerton, President of MEDCOM, MRE&W | A conversation relevant to mountain rescue |
| 18:15 - 18:45 | TERCOM | Digital support for mountain rescue operations | Robert Sartori, Mountain Rescue Organization - AVS - South Tyrol | Due to the annually increasing number of missions, it was necessary to provide the mountain rescuers with an application so that the planning and processing of the missions can be carried out more quickly and efficiently. The application can be used for normal operations as well as for complex search operations. On the basis of a practical example, the so called „BRD-App“ will be presented. |
| 18:45 - 19:00 | Break and Presentations from Partner- and Sponsorvideos | | | |
| 19:00 - 19:30 | TERCOM | Voice navigation | Dieter Kotlaba, Ortovox | A new technology in avalanche transceivers |
| 19:30 - 20:00 | All Commissions | Interdisciplinary Drone Workgroup | AIRCOM Vice President and IDWG Chair Renauld Guillermet | A report by members of the Interdisciplinary Drone Workgroup (IDWG) on efforts related to drones in SAR |
| 20:00 - 20:30 | TERCOM | UAS in Rescue Operations | Filip Biocic, Croatian Mountain Rescue Organization | Using of UAS in Rescue Operations, Report |
| 20:30 - 21:00 | TERCOM | Risk Management and decision making process | Group France Nicolas Bezard, Gregoire Panoff | Overview about process and tools used in France |
| 21:00 - 21:05 | | | Moderator | Conclusion and information about the next session |



Virtual ICAR Conference 2021

| Conference Program - Friday - 22. October 2021 | | | | |
|--|---|--|---|---|
| Time (CET) | Commission | Presentation | Speaker | Details |
| 17:00 - 17:15 | | | Moderators ICAR AIRCOM President Charley Shimanski and ICAR AVACOM Vice President Stephanie Thomas | Welcome and Introduction |
| 17:15 - 17:45 | AIRCOM | Accidents and Incidents in Helicopter Rescue | AIRCOM President Charley Shimanski and AIRCOM Vice President Renault Guillermet | A review of helicopter rescue accidents and incidents including valuable lessons learned |
| 17:45 - 18:15 | AIRCOM | ICAR and Regulatory Agencies – The Importance of Evidence-Based Recommendations | AIRCOM Vice President Renault Guillermet and Giacomo Strapazzon, MD PhD | Providing support to regulatory agencies with the aim of improving safety is one major mission for ICAR. The European Aviation Safety Agency (EASA) is working on the future regulations for high-altitude air rescue. ICAR MedCom and AirCom are running in-field and simulation studies to investigate the effects of altitude on helicopter crews, and to develop possible counteracting measures. |
| 18:15 - 18:45 | AIRCOM | Changing Regulations for Helicopter Rescue Hoists and their Potential Impact on Operations | Collins Aerospace/Goodrich Hoists and Breeze-Eastern Hoists | A review of expected changes from regulators (EASA, FAA) for helicopter rescue hoists, what impact they will have on operations and how hoist manufacturers are responding |
| 18:45 - 19:15 | AIRCOM | Team Awareness Kit & Dynamic Targeting | Bernalillo County Air Support Unit and University of New Mexico, International Mountain Medicine Center (USA) | New Tech to improve situational awareness during helicopter rescue missions |
| 19:15 - 19:30 | Break and Presentations from Partner- and Sponsorvideos | | | |
| 19:30 - 20:00 | AVACOM | Avalanche Accidents by Country | AVACOM representatives | Avalanche Accidents by Country |
| 20:00 - 20:30 | AVACOM | Deadly week in the Wasatch | Michael Finger, Ryan Clerico | In depth review of a deadly week of avalanches in Utah, United States |
| 20:30 - 21:00 | AVACOM | Incremental and Rapid Loading: Stress and Trauma in Snow Work | Laura McGladrey, Drew Hardesty | Conversations about Stress and Trauma in Forecasting |
| 21:00 - 21:05 | | | Moderator | Conclusion and information about the next session |



Virtual ICAR Conference 2021

| Conference Program - Saturday - 23. October 2020 | | | | |
|--|------------|--|---|---|
| Time (CET) | Commission | Presentation | Speaker | Details |
| 17:00 - 17:15 | | | Moderator Marcel Meier | Welcome and Introduction |
| 17:15 - 17:45 | DOG | Trailing Dogs | David Benson, Lake District Mountain Search & Rescue Dogs | The presentation will show not just the technique of trailing but also the reasoning for this additional search asset being introduced. |
| 17:45 - 18:15 | DOG | Reliable IP Communication in harsh environment | Lurri Voitenko, IP Systems AP | Case studies and solutions |
| 18:15 - 18:20 | | | <i>Moderator</i> | Conclusion and information about the next session |