

**ICAR Convention 2023 in Toblach, Italy**

**Tuesday, October 17th**

Time	
14:00-19:00	<p style="text-align: center;"><b>Registration</b> (Euregio Cultural Center Gustav Mahler Toblach)</p>
19:00 - 19:30	<p style="text-align: center;"><b>Welcome and Information for the Practical Day (TERCOM)</b> Gebhard Barbisch, Terrestrial Rescue Commission, President (Euregio Cultural Center - Gustav Mahler Hall)</p>

**ICAR Convention 2023 in Toblach, Italy****Wednesday, October 18th**

Time	
06:00 - 07:00	Breakfast (at your hotel)
07:00 - 18:00	Pre-Conference Practical Day Workshop (Lead: Terrestrial Rescue Commission, Lunch outside in the Field)
13:00 - 18:30	Registration (Euregio Cultural Center Gustav Mahler Toblach)
18:30 - 19:00	Opening of the Conference (TERCOM) (Euregio Cultural Center - Gustav Mahler Hall)
19:30 - 21:00	Dinner (at your hotel)

ICAR Convention 2023 in Toblach, Italy						Thursday, October 19th
Time	TERCOM	AVACOM	AIRCUM	MEDCOM	DOG-Handler	
06:30 - 08:00	Breakfast (at your hotel)					
08:00 - 08:30	Internal Meeting TERCOM including the Definition of 4 Workinggroups for to discuss the results from the practical day	Welcome and Introductions	Welcome and Introductions Update and Open Topics (AirCom Presidency)	President's Report	Internal Meeting Doghandlers including the Definition of 3 Workinggroups for to discuss the results from the practical day	
08:30 - 09:00		Accident Reports by Country	DRF Luftrettung Mobile Flight Simulator (Sebastian Schneider and Jörg Redetsky, DRF)			
09:00 - 09:30	Search for missing children Humberto Hinestrosa / Columbia	Accident Reports By Country	Air Rescue Commission at Italian Air Force Dobbiaco Air Base:  (1) IT Air Force (TH500) (2) IT Air Force (AW 139) (3) Guardia di Finanza (4) AVES Altair (5) Aiut Alpin Dolomites (6) Air Zermatt (7) Heli Flugrettung Südtirol (8) Vita Technologies	Tribute to Michael Swanguard (TBA) & The life of Oskar Bernard (Gege Aggazi / Italian Society of Mountain Medicine)	Search for missing children Humberto Hinestrosa / Columbia	
09:30 - 10:00	Fast Rescue System 2.0 Thomas Mair / BRD im AVS			Coffee Break	How to teach a puppy to bark, Marco Terroni GDF	
10:00 - 10:30	Coffee Break	Coffee Break	<b>Lunch</b> Information from our Partners and Exhibitors (TERCOM)	<b>Stress Injury, Alison Sheets / MRA:</b> UKSAR Guiding Principles for Volunteer Wellbeing & Prevention of psychological stress in SAR organisations, Jon White / MRE&W and Psychological First Aid for Wilderness Trauma: Interventions for Expedition or Search and Rescue Team Members, Roger Mortimer / NCRG & South Tyrolian mountain rescue Peer Support group, Willi Feichter / BRD Innichen & ICAR MedCom Guidelines on Stress Injury	Coffee Break	
10:30 - 11:00	4 Paralell Workgroups	Accident Reports by Country			4 Paralell Workgroups	
11:00 - 11:30	WG 1 - Rescue Vehicles WG 2 - Bolts and Pitons WG 3 - Anchor Systems				WG 1 - Rescue Vehicles WG 2 - Bolts and Pitons WG 3 - Anchor Systems	
11:30 - 12:00	WG 4 - Equal Load on Ropes - TERCOM REC0005				WG 4 - Equal Load on Ropes - TERCOM REC0005	
12:00 - 13:30	Lunch					
13:30 - 14:30	Information from our Partners and Exhibitors (TERCOM)					
14:30 - 15:00	Prospective Study of Avalanche Deaths - a complete overview of the Rescue Chain F.Albasini, L. Krebs, Drouhot, L. Richard, F. Jarry / French Group	Prospective Study of Avalanche Deaths - a complete overview of the Rescue Chain F.Albasini, L. Krebs, Drouhot, L. Richard, F. Jarry / French Group	Bavarian State Police air service, Past-Present-Future (Alexander Pöll, Bastian Altkofer; Bavarian State Police)	Prospective Study of Avalanche Deaths - a complete overview of the Rescue Chain F.Albasini, L. Krebs, Drouhot, L. Richard, F. Jarry / French Group	Prospective Study of Avalanche Deaths - a complete overview of the Rescue Chain F.Albasini, L. Krebs, Drouhot, L. Richard, F. Jarry / French Group	
15:00 - 15:30	Coffee Break	Iceland Avalanche Accident Review	Coffee Break	Coffee Break	Search operation in the Hochkalter Michel Partholl Bergwacht Bayern	
15:30 - 16:00	Presentation - Workgroup Results	Coffee Break	Accidents, Incidents, and Prevention (Renaud Guillermet; ICAR AirCom and Bernd Osswald; Airbus)	Mountain Emergency Medicine in Latin America, Martin Musi / Rocky Mountain Rescue & Manu Funk / CAB	Coffee Break	
16:00 - 16:30		ISSW Review Bend, OR 2023		ICAR recommendation – Termination of Resuscitation, John Ellerton / President MedCom	Never give up Hope -3 hours in an avalanche Reinhard Hirschmuggel ÖBRD	
16:30 - 17:00	Alpine Rescue in Disasor Operations Allesandro Alberioli / GDF	Concussive Effect Working with explosives for Avalanche Mitigation in Little Cottonwood Canyon	The Nature of Cables: Design, Operation, and Maintenance (David Creech; Breeze Eastern Hoists)	Performance of chemical heat devices, Mike Greene (virtual/recorded) / MRE&W	Alpine Rescue in Disasor Operations Allesandro Alberioli / GDF	
17:00 - 17:30	Design of Rescue Anchorages through the 10:1 Static System Safety Factor Miha Kenda / GRZS	Avalanche Transceivers and Electromagnetic Interference: Fact, Fiction, and the 20/50 Rule	ICAR Air Rescue Commission Recommendations A review and plan to update (ICAR AirCom President Charley Shimanski and Vice President Renaud Guillermet)	Development Session: Spinal Protection and Splinting in Mountain Rescue - an update of previous recommendations, Jason Williams / UNM-IMMC	Puppy testing for search and rescue in GOPR Mountain Rescue Service GOPR Poland, Patryk Czermak	
17:30 - 18:00	Strategies for Limiting Force in Rope Rescue Systems Kirk Mauthner / Park Canada	External Working Groups: Updates	Is a rescue dog precise and efficient in its searches in interaction with an air ambulance helicopter? (Magnus Wethal Norwegian air ambulance (NLA) and Knut Skar Norwegian search and rescue dogs (NRH))	Death in the alp: experiences in utilising the ICAR Determination of Death guidelines, Christopher van Tilberg / Crag Rats Mountain Rescue	Is a rescue dog precise and efficient in its searches in interaction with an air ambulance helicopter? (Magnus Wethal Norwegian air ambulance (NLA) and Knut Skar Norwegian search and rescue dogs (NRH))	
18:30 - 19:30	ICAR Executive Board Session - Together with Partners					
19:30 - 22:30	Dinner (at your hotel)					

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Time	TERCOM	AVACOM	AIRCUM	MEDCOM	DOG-Handler	
06:30 - 08:00	Breakfast (at your hotel)					
08:00 - 08:30	"What are the ICAR community expectations regarding the popping up of new technologies-based tools: - Mobile phones detection systems, - mission management applications, - onboard embarked new devices... How can we, ICAR, work out requirements specifications and put our operational experience to support an efficient development of new tools, adapted to the needs of the rescue teams ?" Renaud Guillermet / AIRCOM	Avalanche report, the cross-border multilingual avalanche bulletin	"What are the ICAR community expectations regarding the popping up of new technologies-based tools: - Mobile phones detection systems, - mission management applications, - onboard embarked new devices... How can we, ICAR, work out requirements specifications and put our operational experience to support an efficient development of new tools, adapted to the needs of the rescue teams ?" Renaud Guillermet / AIRCOM	<b>Critical Appraisal Session:</b> Occupational Accidents Among Search and Rescue Providers During Mountain Rescue Operations and Training Events, Mario Milani / CNSAS	"What are the ICAR community expectations regarding the popping up of new technologies-based tools: - Mobile phones detection systems, - mission management applications, - onboard embarked new devices... How can we, ICAR, work out requirements specifications and put our operational experience to support an efficient development of new tools, adapted to the needs of the rescue teams ?" Renaud Guillermet / AIRCOM	
08:30 - 09:00		ELECTRIC AIRBAGS INTERFERENCES WITH TRANSCIEVERS		Causes of death and characteristics of non-survivors rescued during recreational mountain activities in Japan between 2011 and 2015, Kaz Oshiro / AMMR		
09:00 - 09:30	Dyneema Incident at Swinica in February 2023 Andrzej Marasek, Andzrej Gorka / TOPR	Crevasse rescue in Alaska and Antartica, Ken Zafren / Honorary member	Mountain Survival Course for the Air Crew French Civil Security Helicopter Group (Pascal Strappazon; Civil Security Application School and Renaud Guillermet; Sécurité Civile)	Crevasse rescue in Alaska and Antartica, Ken Zafren / Honorary member	Mountain Survival Course for the Profit Crew French Civil Security Helicopter Group Pascal Strappazon (Civil Security Application School) and Renaud Guillermet (Sécurité Civile)	
09:30 - 10:00	Lost Person Behaviour Robert Köster/MRA	Work Group Introductions	Coffee Break	Coffee Break	Lost Person Behaviour Robert Köster/MRA	
10:00 - 10:30	Coffee Break	Coffee Break	Formation Flight Rescue Specialist & Pickup System in South Tyrol (Peter Pixner; Mountain Rescue South Tyrol)	An exceptional complex long ground rescue complicated by 5 CA, Fabio Passet / CNSAS SNAmed	Coffee Break	
10:30 - 11:00	Interdisciplinary Drone Workgroup - Development of proposal for presentation Saturday (Dr. Will Smith; Chair, ICAR Interdisc. Drone WG) (Follow-up session to develop recommendations for Next Steps)	Interdisciplinary Drone Workgroup - Development of proposal for presentation Saturday (Dr. Will Smith; Chair, ICAR Interdisc. Drone WG) (Follow-up session to develop recommendations for Next Steps)	Interdisciplinary Drone Workgroup - Development of proposal for presentation Saturday (Dr. Will Smith; Chair, ICAR Interdisc. Drone WG) (Follow-up session to develop recommendations for Next Steps)	Utilizing ketamine intramuscular as primary pain medication, Christopher van Tilberg / Crag Rats Mountain Rescue	Presentation Avalanche accident Scheenenbielhübel, Meiringen, Meier Marcel ARS	
11:00 - 11:30	Legal principles of qualification of products as medical devices Paul Piscoi EU, Head of MDRG	Work Groups	Changing Hoist Requirements – Improving Safety (Nick Demogines, Collins Aerospace - Goodrich Hoists)	Legal principles of qualification of products as medical devices, Paul Piscoi / EU Head of MDRG	Legal principles of qualification of products as medical devices Paul Piscoi EU, Head of MDRG	
11:30 - 12:00		Work Groups	Update on European Safety Promotion Network - Rotorcraft (ESPN-R) (Bernd Osswald, Alexander Weissenboeck, Sebastian Schneider, Jörg Redetsky)			
12:00 - 13:30	Lunch (at your hotel)					
13:30 - 14:00	A revolution in prevention of asphyxia in avalanche burial? The SAFEBACK study, Giacomo Strapazon / EURAC	A revolution in prevention of asphyxia in avalanche burial? The SAFEBACK study, Giacomo Strapazon / EURAC	Highline - An Unstandardized Practice in Conflict with Aircraft (Yannick Hermann - Gendarmarie Chamonix Chief of Base)	A revolution in prevention of asphyxia in avalanche burial? The SAFEBACK study, Giacomo Strapazon / EURAC	A revolution in prevention of asphyxia in avalanche burial? The SAFEBACK study, Giacomo Strapazon / EURAC	
14:00 - 14:30	New avalanche survival curve, Hermann Brugger & Simon Rauch / EURAC	New avalanche survival curve, Hermann Brugger & Simon Rauch / EURAC	Longline Rescuing in Highline Scenarios A technical concept proposal (Jakob Bludau, Gernot Halbwirth, Gabriel Falkner, Martin Amrein, Aaron Benkert, Lukas Irmier, Boris Buck, Roman Schniepp)	New avalanche survival curve, Hermann Brugger & Simon Rauch / EURAC	New avalanche survival curve, Hermann Brugger & Simon Rauch / EURAC	
14:30 - 15:00	Coffee Break	Dig Close, Dig Fast A study on the consequences of excavation start point choice in avalanche companion rescue	Oxygen at Altitude (Marika Falla; EURAC) European Rotors Conference (Dr. Frank Liemandt, Show Director)	Development Session: Rescue at Very High Altitude, Kyle McLaughlin / PC	Coffee Break	
15:00 - 15:30	"first RESponder-Centered support toolkit for operating in adverse and infrastructureless Environments" - The case of mountain rescue scenario Vassileios Dovas/HRT	Coffee Break	Coffee Break	Coffee Break	Avalanche Course in Norway, Rob Grange LDMRSDA	
15:30 - 16:00	Climbing Ropes - do diameters matter? - Stefan Blochum - Bergwacht Bayern	Panel Discussion: Preventive SAR: From Forecasting to Rescuers	Hoist Emergency Action Plan (Clayton Horney (CHRT-USA), Dale Wang; CHRT MRA)	Development Session: Rescue at Very High Altitude - continued	"Importance of avalanche rescue dogs & resort callouts". Tracy Christensen WBR	
16:00 - 16:30	The importance of stay flexible - Analysis of a complicated rescue operation Andrea Dotta - Swiss Alpine Rescue	Panel Discussion: Preventive SAR: From Forecasting to Rescuers	European Union Aviation Safety Agency (EASA) update (Fabrice Legay - EASA)	Summary – Future Events and any other business, John Ellerton / President MedCom	Search Action Kreuzbergpass Manni Unterweger, Mountain Rescue South Tyrol	
16:30 - 17:00	Liaison - Collaborative Efforts of Central European Alpine Rescue Service Gurdet/ÖBRD, Vogl/BWB, Winkler/BRD-AVS	Closing Conversations	Air Rescue Commission Closing Conversations (ICAR AirCom President Charley Shimanski and Vice President Renaud Guillermet)		Final conversation and discussion future program.	
18:00 - 23:00	Local Event at Euregio Cultural Center Gustav Mahler Toblach (including dinner)					

**ICAR Convention 2023 in Toblach, Italy**

**Saturday, October 21st**

Time	TERCOM	AVACOM	AIRCUM	MEDCOM	DOG-Handler
06:30 - 08:00	<b>Breakfast (at your hotel)</b>				
08:00 - 08:30	High Altitude Rescue Paper - Development session (Kyle McLaughlin / MedCom)				
08:30 - 09:00	Interdisciplinary Drone Workgroup (IDWG) Report out of the practical day and the discussions during the conference (Will Smith / Chair of IDWG)				
09:00 - 09:30	What are the ICAR community expectations regarding the popping up of new technologies-based tools? - Summary of our Workshop and Panel Discussion (Renaud Guillermet / AIRCOM)				
09:30 - 10:00	<b>Coffee Break</b>				
10:00 - 10:30	Mountain Rescue on Fire?! Stefan Blochum - Bergwacht Bayern (TERCOM)				
10:30 - 11:00	Mountain Events in Hot Weather John Ellerton / MedCom & Darryl Macias/ UNM-IMMC				
11:00 - 11:30	Complex Rescue from Glacier des Bossons - Implications of Climate Change P. Boric French Group (TERCOM)				
11:30 - 12:00	Marmolata Glacier Accident Simon Rauch and Giacomo Strapazon / MedCom				
12:00 - 13:30	<b>Lunch (at your hotel)</b>				
13:30 - 15:00	Workshops or Panel Discussion to the Topic: Climate Change and the Impact to Mountain Rescue				
15:00 - 16:00	<b>Coffee Break</b>				
16:00 - 18:30	<b>74rd ICAR Assembly of Delegates</b>				
19:00 - 24:00	<b>Gala Dinner (Euregio Cultural Center - Gustav Mahler Hall)</b>				

ICAR Convention 2023 in Toblach, Italy

Sunday, October 22nd

Time	
06:30 - 08:00	Breakfast
06:30 - 11:00	Check-out, Departure