

# 34th International Conference on Alpine Meteorology, Reykjavík, 18-23 June 2017

Monday 19 June		
08:30		Registration
08:45		Welcome
09:00	O1.1	An invited talk on Icelandic volcanoes <b>Magnús Tumi Guðmundsson</b>
09:30-10:30	O1	<b>Oral session: Downslope windstorms, mountain wakes and rotors I</b> <b>Chair: Ron Smith</b>
09:30	O1.2	<b>The influence of an isolated ridge on a mid-latitude cyclone and upper level jet</b> <b>Dale Durran</b> (University of Washington, USA), Maximo Menchaca
09:45	O1.3	<b>An adiabatic Foehn effect</b> <b>Florentin Damiens</b> (Ecole Normale Supérieure, France), François Lott, Christophe Millet, Riwal Plougonven
10:00	O1.4	<b>Penetration and interruption of Alpine foehn (PIANO): Description of upcoming field experiment</b> <b>Alexander Gohm</b> (University of Innsbruck, Austria), Lukas Omek
10:15	O1.5	<b>Penetration and interruption of Alpine foehn (PIANO): preliminary high-resolution numerical simulations</b> <b>Lukas Omek</b> (University of Innsbruck, Austria), Alexander Gohm
<b>Coffee break &amp; Poster session P1</b>		
11:15-12:30	O2	<b>Oral session: Downslope windstorms, mountain wakes and rotors II</b> <b>Chair: Dale Durran</b>
11:15	O2.1	<b>Broad spectrum mountain waves</b> <b>Ronald Smith</b> (Yale University, USA), Christopher Kruse
11:30	O2.2	<b>Influence of surface roughness on downslope windstorms and mountain waves</b> <b>Martina Tudor</b> (Meteorological and Hydrological Service, Croatia), Stjepan Ivatek-Šahdan, Antonio Stanešić, Mario Hrastinski
11:45	O2.3	<b>Mountain wave turbulence in the presence of directional wind shear over the Rocky Mountains</b> <b>Maria Vittoria Guarino</b> (University of Reading, UK), Miguel Teixeira, Maarten Ambaum, Teddie L. Keller, Robert Sharman
12:00	O2.4	<b>A simple model for the amplitude of lee waves on the boundary-layer inversion</b> Johannes Sachsperger (MeteoServe Wetterdienst GmbH, Austria), <b>Stefano Serafin</b> , Vanda Grubišić, Ivana Stiperski, Alexandre Paci

12:15	O2.5	<b>Wake formation in the lee of a small but high island: modelling and observations</b> <b>Andrew Ross</b> (University of Leeds, UK), John Hughes, Simon Vosper
<b>Lunch</b>		
13:45		Weather forecast
14:00-15:30	O3	<b>Oral session: Downslope windstorms, mountain wakes and rotors III</b> <b>Chair: Evelyne Richard</b>
14:00	O3.1	<b>Mountain waves and cloud bands: cases studies of 21 May 1937 and 1 February 2014 within a long research tradition</b> <b>Hans Volkert</b> (DLR, Germany)
14:15	O3.2	<b>Gravity waves generated at small Rossby number by large amplitude topography</b> <b>David Muraki</b> (Simon Fraser University, Canada), Joseph Klemp
14:30	O3.3	<b>Detection of gravity waves across the Snaefellsnes Peninsula: A case study</b> <b>Ioana Colfescu</b> (NCAS, Leeds), Stephen Mobbs, Ralph Burton, Axel Wellpott, Haraldur Ólafsson, Guðrún Nína Petersen, Alan Gadian, Barbara Brooks.
14:45	O3.4	<b>Mountain wave attenuation and momentum deposition in sheared environments</b> <b>Christopher Kruse</b> (Yale University, USA), Ronald Smith
15:00	O3.5	<b>The community foehn classification experiment</b> <b>Georg Mayr</b> (ACINN University of Innsbruck, Austria), David Plavcan
15:15	O3.6	<b>Origin of the lee-side hydraulic jump</b> <b>Richard Rotunno</b> (NCAR, USA), George Bryan
<b>Coffee break &amp; Poster session P2</b>		
16:15-17:00	O4	<b>Oral: Weather forecasting in mountainous regions I</b> <b>Chair: Hans Volkert</b>
16:15	O4.1	<b>Heavy Precipitation and Flash Flood Events over Eastern Pyrennes</b> <b>Evelyne Richard</b> (Laboratoire d'Aérodologie, France), Maria Tous Nadal
16:30	O4.2	<b>Forecast verification of precipitation and wind in complex terrain</b> <b>Gregor Skok</b> (University of Ljubljana, Slovenia), Nigel Roberts, Hladnik Veronika
17:00	A short walk over to the Reykjavík City hall	
17:30	<b>Reception in Reykjavík City hall</b>	

Tuesday 20 June		
08:30	O5.1	An invited talk on Icelandic glaciers <b>Tómas Jóhannesson</b> (Icelandic Meteorological Office), Þorsteinn Þorsteinsson, Bergur Einarsson
09:00-10:30	O5	<b>Oral session: Orographic precipitation I</b> <b>Chair: Samantha Smith</b>
09:00	O5.2	<b>The Enhancement of Lake-Effect Precipitation over the Tug Hill Plateau during the Ontario Winter Lake-effect Systems (OWLeS) Field Program</b> <b>Jim Steenburgh</b> (University of Utah, USA), Leah Campbell, Peter Veals, Justin Minder, Ted Minder, Bart Geerts, Phil Bergmaier
09:15	O5.3	<b>Characteristics of Easterly-Induced Snowfall in the Yeongdong region of Korea</b> <b>Byung-Gon Kim</b> (Gangneung-Wonju National University, Korea (Rep)), Dae-Hong Koh, Juncheul Park, Seung-Hee Eun, Byeong-Cheol Choi
09:30	O5.4	<b>Simulations of convective flash flood events in southern Switzerland</b> Camden Plunkett (Embry-Riddle Aeronautical University, USA), <b>Curtis James</b>
09:45	O5.5	<b>Orographic effects of the subtropical and extratropical Andes on precipitating clouds</b> <b>Maximiliano Viale</b> (IANIGLA-CONICET, Argentina), Gualberto Zalazar, Emilio Bianchi
10:00	O5.6	<b>Terrain-trapped airflows and orographic rainfall along the coast of northern California: Horizontal and vertical structures of kinematics and precipitation</b> Raul Valenzuela (University of Colorado, USA), <b>David Kingsmill</b>
10:15	O5.7	<b>Role of the orography in the generation of a tornadic supercell in the Mediterranean</b> <b>Mario Marcello Miglietta</b> (ICAS-CNR, Italy), Mazon Jordi, Richard Rotunno
<b>Coffee break &amp; Poster session P3</b>		
11:15-12:30	O6	<b>Oral session: Orographic precipitation I</b> <b>Chair: Jim Steenburgh</b>
11:15	O6.1	<b>Use of a sub-grid orographic rain enhancement scheme in the MetUM</b> <b>Samantha Smith</b> (Met Office, UK), Paul Field, Simon Vosper
11:30	O6.2	<b>Dual-pol radar based hydrometeor classification: analysis of orographic precipitation mechanisms</b> Nikola Besic (EPFL, Switzerland), <b>Luca Panziera</b> , Jordi Figueras I Ventura, Marco Gabella, Urs Germann, Olivia Romppainen-Martius, Alexis Berne
11:45	O6.3	<b>Study on characteristics of snow crystal from the two-layer cloud structure in Yeongdong region of Korean Peninsula</b>

		<b>Yoo-Jun Kim</b> (National Institute of Meteorological Sciences, Korea (Rep)), Byoung-Choel Choi, Jae-Kwan Shim, Byung-Gon Kim
12:00	O6.4	<b>Numerical Study of Physical Processes Controlling Summer Precipitation over the Western Ghats Region</b> Gang Zhang (Yale University, USA), Ronald Smith
12:15	O6.5	<b>Numerical Study of Physical Processes Controlling Summer Precipitation over the Western Ghats Region</b> <b>Adriana Bailey</b> (Dartmouth College, USA), Georgia Murray
<b>Lunch</b>		
13:45		Weather forecast
14:00-15:30	O7	<b>Oral session: Downslope windstorms, mountain wakes and rotors IV</b> <b>Chair: Vanda Grubišić</b>
14:00	O7.1	<b>The environment of orographic wave clouds in the lee of the Colorado Front Range (and Oklahoma)</b> <b>Howard Bluestein</b> (University of Oklahoma, USA), Simon Lee, Kiernan Lee, Matthew Holliday
14:15	O7.2	<b>The Influence of Mountain-Forced Waves on the Atmospheric Kinetic Energy Spectrum</b> <b>Max Menchaca</b> (University of Washington, USA), Dale Durran
14:30	O7.3	<b>Photogrammetric analysis of rotor clouds observed during T-REX</b> <b>Ulrike Romatschke</b> (NCAR, USA), Vanda Grubišić, Joseph A Zehnder
14:45	O7.4	<b>Trapped lee waves at an inversion in flow over axisymmetric hills: theory and laboratory measurements of the drag</b> <b>Miguel Teixeira</b> (University of Reading, UK), Alexandre Paci, Anne Belleudy
15:00	O7.5	<b>The impact of upstream flow on the boundary layer in a valley – observations and high-resolution simulations</b> <b>Bianca Adler</b> (Karlsruhe Institute of Technology, Germany), Norbert Kalthoff, Inge Bischoff-Gauß
15:15	O7.6	<b>Observational and numerical analysis of pulsations and turbulence in a bora downslope windstorm event</b> <b>Kristian Horvath</b> (Meteorological and Hydrological Service, Croatia), Zeljko Vecenaj, Branko Grisogono, Branko Kosovic, Mario Hrastinski
<b>Coffee break and Poster session P4</b>		
16:15-17:00	O8	<b>Oral session: Downslope windstorms, mountain wakes and rotors V</b> <b>Chair: Howard Bluestein</b>
16:15	O8.1	<b>Atmospheric rotors, downslope windstorms and severe turbulence in a deep long valley</b> <b>Vanda Grubišić</b> (NCAR, USA), Lukas Strauss, Stefano Serafino
16:30	O8.2	<b>Radar kinematic information as surrogate for isentropes in stratiform orographic storms</b>

		<b>Bart Geerts</b> (University of Wyoming, USA), Jordan Christian
16:45	O8.3	<b>The impact of resolution on the representation of wind field in the vicinity of large Greenlandic fjords</b> <b>Kent Moore</b> (University of Toronto, Canada), Debenedetti Marc
17:00	O8.4	<b>Observation plans of ICE-POP2018 and the preliminary results</b> <b>Byoung-Choel Choi</b> (National Institute of Meteorological Sciences, Korea (Rep)), Gye-Hak Jeon, Yoo-Jun Kim, Sang-Won Joo
17:30	Bus to Bessastaðir	
18:00	Presidential reception at Bessastaðir	

<b>Wednesday 21 June</b>		
08:30-10:30	O9	<b>Oral session: Cryosphere and mountain hydrology</b> <b>Chair: Günther Zängl</b>
08:30	O9.1	<b>Impact of Icelandic volcanic dust on cryosphere</b> <b>Pavla Dagsson Waldhauserova</b> (University of Iceland and Agricultural University of Iceland, Iceland), Outi Meinander, Maria Gritsevich, Jouni Peltoniemi, Ólafur Arnalds, Haraldur Ólafsson
08:45	O9.2	<b>Coherent structures in the alpine atmospheric surface layer coupled with blowing snow response</b> <b>Nikolas Aksamit</b> (University of Saskatchewan, Canada), John Pomeroy
09:00	O9.3	<b>Investigating time scales in the meteorological forcing on snow avalanche activity</b> <b>Alec Van Herwijnen</b> (WSL Institute for Snow and Avalanche Research SLF, Switzerland), Konstantin Nebel, Matthias Heck, Jürg Schweizer
09:15	O9.4	<b>MODIS snow cover data for calibration and evaluation of hydrological models in French mountainous regions</b> <b>Federico Garavaglia</b> (EDF - DTG, France), Matthieu Le Lay, Frédéric Gottardi
09:30	O9.5	<b>Hydrometeorological reconstruction of snow-influenced streamflow series in France since 1871</b> <b>Jean-Philippe Vidal</b> (Irstea, France), Laurie Caillouet, Eric Sauquet, Benjamin Graff, Isabelle Gouttevin, Guillaume Thirel, Alexandre Devers
09:45	O9.6	<b>Parameterizing surface wind speed in complex topography for coarse-scale models</b> <b>Nora Helbig</b> (WSL Institute for Snow and Avalanche Research SLF, Switzerland), Rebecca Mott, Alec Van Herwijnen, Adam Winstral, Tobias Jonas
10:00	O9.7	<b>Dynamical downscaling overcomes deficiencies in gridded precipitation products in the Sierra Nevada, California</b> <b>Mimi Hughes</b> (University of Colorado at Boulder and NOAA, USA), Jessica Lundquist, Brian Henn
10:15	O9.8	<b>Glacio-hydrological modelling on few alpine catchments: from recent past simulation to scenarios of future evolution</b> <b>Matthieu Le Lay</b> (EDF, France), Frédéric Gottardi, Agnès Brenot, Joël Gailhard, Federico Garavaglia
<b>Coffee break</b>		
11:00-12:30	O10	<b>Oral session: Weather forecasting in mountainous regions II</b> <b>Chair: Pavla Dagsson Waldhauserova</b>
11:00	O10.1	<b>Cooling by melting snowfall in Alpine valleys: could its predictability get improved in the near future?</b> <b>Günther Zängl</b> (Deutscher Wetterdienst, Germany), Sten Schneider, Juerg Smidli
11:15	O10.2	<b>Real time bias correction of very high resolution weather forecasting models for nowcasting in complex terrain</b>

		<b>Matteo Buzzi</b> (MeteoSwiss, Switzerland), A. Mark Liniger, Marco Gaia, Christoph Frei, Marco Sassi
11:30	O10.3	<b>Sub-kilometer modelling in operational NWP for areas with complex orography</b> <b>Xiaohua Yang</b> (Danish Meteorological Office, Denmark)
11:45	O10.4	<b>Wind speed analog-based predictions in complex topography</b> <b>Iris Odak Plenkovic</b> (Meteorological and Hydrological Service, Croatia), Luca Delle Monache, Kristian Horvath, Mario Hrastinski
12:00	O10.5	<b>Anelastic and compressible EULAG solvers for limited-area numerical Alpine weather prediction in the COSMO consortium</b> <b>Damian Wojcik</b> (Institute Of Meteorology and Water Management, Poland), Bogdan Rosa, Michal Z. Ziemiański
12:15	O10.6	<b>Mountains and meteorological and climatological extremes in Iceland</b> <b>Haraldur Ólafsson</b> (University of Iceland and Icelandic Meteorological Office, Iceland)
<b>Lunch</b>		
13:15		Group photo
13:30	Excursion to Borgarfjörður and dinner	

## Thursday 22 June

Thursday 22 June		
08:30-10:30	O11	<b>Oral session:</b> Boundary layers and turbulence in complex terrain I <b>Chair: Joan Cuxart</b>
08:30	O11.1	<b>Experimental validation of a modelling chain simulating the dispersion of pollutants from the incinerator of Bolzano (Italy)</b> <b>Dino Zardi</b> (University of Trento, Italy), Stefano Alessandrini, Gianluca Bisignano, Marco Falocchi, Enrico Ferrero, Lorenzo Giovannini, Massimo Guariento, Marco Lodi, Luca Mortarini, Marco Palmitano, Werner Tirler, Elena Tomasi, Luca Verdi
08:45	O11.2	<b>On the relationship between atmospheric dynamics and PM10 concentration in the Arve Valley around Passy</b> <b>Chantal Staquet</b> (University Grenoble Alpes, France), Julian Quimbayo-Duarte, Stella Todzo, Isabel Peinke, Gabriele Arduini, Charles Chemel, Florence Troude
09:00	O11.3	<b>Impact of along-valley orographic variations on the dispersion of passive tracers in a stable atmosphere: an idealized study</b> <b>Julian Quimbayo-Duarte</b> (University Grenoble Alpes, France), Chantal Staquet, Charles Chemel, Gabriele Arduini
09:15	O11.4	<b>Investigation and evaluation of atmospheric processes in orographic terrain applying the WRF model with very high resolution: examples from selected cases</b> <b>Hans-Stefan Bauer</b> (University of Hohenheim, Germany), Shравan Kumar Muppa, Volker Wulfmeyer, Andreas Behrendt, Florian Spaeth
09:30	O11.5	<b>Influence of horizontal grid spacing in mountainous terrain on simulated planetary boundary layer depths in large-scale transport models</b> <b>Gert-Jan Duine</b> (University of Virginia, USA), Stephan FJ De Wekker
09:45	O11.6	<b>Large eddy simulation of snowfall preferential deposition over complex topography</b> <b>Francesco Comola</b> (Swiss Federal Institute of Technology, Switzerland), Marco G. Giometto, Marc B. Parlange, Michael Lehning
10:00	O11.7	<b>The spatial variability of the temperature structure in a major east-west oriented valley in the Alps</b> Yasmin Markl (Zentralanstalt für Meteorologie und Geophysik, Austria), Lavinia Laiti, <b>Mathias W. Rotach</b>
10:15	O11.8	<b>Limited-area ensemble forecasts during Sochi-2014 Winter Olympics: multi-model vs single-model approach</b> <b>Andrea Montani</b> (Arpae, Italy), Chiara Marsigli, Tiziana Paccagnella
<b>Coffee break &amp; Poster session P5</b>		
11:15-12:30	O12	<b>Oral session:</b> Boundary layers and turbulence in complex terrain II <b>Chair: Dino Zardi</b>



11:15	O12.1	<b>Evolution of the temperature profile during the life-cycle of a valley-confined cold-pool in the Pyrenees</b> <b>Joan Cuxart</b> (University of the Balearic Islands, Spain), Laura Conangla, Daniel Martínez-Villagrasa, Burkhard Wrenger, J.R. Miró, Gemma Simó, Maria Antonia Jiménes
11:30	O12.2	<b>Local and non-local controls on a persistent cold-air pool in the Arve River Valley</b> <b>Charles Chemel</b> (University of Hertfordshire, UK), Gabriele Arduini, Chantal Staquet
11:45	O12.3	<b>The thermally driven wind system of the Adige Valley in the Alps</b> <b>Lorenzo Giovannini</b> (University of Trento, Italy), Lavinia Laiti, Stefano Serafin, Dino Zardi
12:00	O12.4	<b>Wintertime circulation in the Chamonix-Mont-Blanc valley from scanning wind lidar measurements (Passy-2015 field experiment) and numerical simulations</b> <b>Tiphaine Sabatier</b> (Meteo-France and CNRS, France), Alexandre Paci, Yann LARGERON, Christine Lac, Alain Dabas, Guylaine Canut, Pauline Martinet, Jean-Marie Donier
12:15	O12.5	<b>Boundary-layer profiling with ceilometers in complex terrain</b> <b>Martin Piringer</b> (ZAMG, Austria), Kathrin Baumann-Stanzer, Christoph Lotteraner
<b>Lunch</b>		
13:45		Weather forecast
14:00-15:30	O13	<b>Oral session: Boundary layers and turbulence in complex terrain III</b> <b>Chair: Eric P. Kelsey</b>
14:00	O13.1	<b>Trailing Mountain Waves</b> <b>James Doyle</b> (Naval Research Laboratory, USA)
14:15	O13.2	<b>How essential are 3D shear effects for the representation of the turbulence kinetic energy (TKE) structure in an Alpine valley?</b> <b>Brigitta Goger</b> (University of Innsbruck, Austria), Mathias W. Rotach, Alexander Gohm, Oliver Fuhrer, Ivana Stiperski, Albert A. M. Holtslag
14:30	O13.3	<b>Characteristics of the spectral gap in a valley convective boundary layer</b> <b>Nevio Babic</b> (University of Virginia, USA), Željko Večenaj, Stephan De Wekker
14:45	O13.4	<b>Spatial variations in the diurnal cycle of turbulent fluxes in an east-west oriented valley</b> <b>Manuela Lehner</b> (University of Innsbruck, Austria), Mathias W. Rotach, Eleni Sfyri, Ivana Stiperski, Friedrich Obleitner
15:00	O13.5	<b>Integral length scales in atmospheric surface boundary layers</b> <b>Željko Večenaj</b> (University of Zagreb, Croatia), Danijel Belušić, Branko Grisogono
15:15	O13.6	<b>Dependence of similarity theory on turbulence anisotropy</b> Ivana Stiperski (University of Innsbruck, Austria), <b>Mark Calaf</b>

Coffee break and Poster session P6		
16:15-17:00	O14	<b>Oral session: Miscellaneous</b> <b>Chair: James Doyle</b>
16:15	O14.1	<b>The Impact of Mount Washington on the Vertical Structure of Temperature and Moisture and the Height of the Boundary Layer</b> <b>Eric P. Kelsey</b> (Plymouth State University), Adriana Bailey, Georgia Murray
16:30	O14.2	<b>Impact of higher boundary temperatures on simulations of atmospheric ice accretion on structures during the 2015-2016 icing winter in West-Norway</b> <b>Kristian Ingvaldsen</b> (University of Oslo, Norway), Hálfván Ágústsson, Bjørn Egil Nygaard, Terje Koren Berntsen
16:45	O14.3	<b>Daily and sub-daily extreme rainfall over the Swiss Alps: a climatology</b> <b>Luca Panziera</b> (University of Bern and MeteoSwiss, Switzerland), Marco Gabella, Urs Germann, Olivia Martius
17:00	O14.4	<b>Multi-sensor precipitation estimation in the Alps: challenges and opportunities</b> <b>Marco Gabella</b> (MeteoSwiss, Switzerland), Luca Panziera, Ioannis Sideris, Ulrich Hamann, Alexis Berne, Urs Germann, Bertrand Calpini
17:15	O14.5	<b>US Army Research Lab's Meteorological Sensor Array</b> <b>Andre Pattantyus</b> (Army Research Laboratory, USA), Jeffrey Smith, Christopher Hocut, Benjamin MacCall
17:30	O14.6	<b>The causes of foehn warming in the lee of mountains</b> <b>Ian Renfrew</b> (University of East Anglia, UK), Andrew Elvidge
17:45	O14.7	<b>On forecasting snow surface temperature in complex alpine terrain</b> <b>Sascha Bellaire</b> (WSL Institute for Snow and Avalanche Research), Tobias Sauter, Mathias W. Rotach

## Friday 23 June

Friday 23 June		
08:30-10:30	O15	<b>Oral session: Results from field campaigns</b> <b>Chair: Dave Whiteman</b>
08:30	O15.1	<b>Examples of applications of mesoscale meteorology in the complex orography of Norway</b> <b>Hálfdán Ágústsson</b> (Kjeller Vindteknikk, Norway)
08:45	O15.2	<b>The Cerdanya-2017 field experiment: an overview of the campaign and a few preliminary results</b> <b>Alexandre Paci</b> (Meteo-France & CNRS, France), Joan Cuxart, Joan Bech, Maria Rosa Soler, Josep Ramon Miró et al.
09:00	O15.3	<b>Downslope windstorms, mountain waves, orographic precipitation and associated processes analysis during 10-17 January 2017 in The Cerdanya-2017 field experiment</b> <b>Mireia Udina</b> (University of Barcelona, Spain), Laura Trapero, Maria Rosa Soler, Joan Bech, Josep Ramon Miró, Alexandre Paci
09:15	O15.4	<b>The Cerdanya Cold Pool Experiment 2015 (CCP15): a field campaign study of the cold pool in the largest pyrenean valley</b> <b>Daniel Martínez-Villagrasa</b> (University of Balearic Islands, Spain), Gemma Simó, Laura Conangla, Davide Tabarelli, Josep Ramon Miró, Álvaro López-Grifol, Burkhard Wrenger, Maria Antònia Jiménez, Rodrigo Picos, Dino Zardi, Joan Cuxart
09:30	O15.5	<b>Lidar observations and high-resolution modelling of a wind jet at the exit of the Isarco Valley (Italy)</b> <b>Marco Falocchi</b> (University of Trento, Italy), Lorenzo Giovannini, Elena Tomasi, Gianluca Antonacci, Tommaso Pallaveri, Dino Zardi
09:45	O15.6	<b>Periodic wind systems in the Dead Sea valley – first comprehensive measurements of their characteristics and evolution</b> <b>Jutta Metzger</b> (Karlsruhe Institute of Technology, Germany), Ulrich Corsmeier
10:00	O15.7	<b>Long-range transport to summits north, south and at the Eastern Alpine divide – an outstanding Sahara dust event</b> <b>Kathrin Baumann-Stanzer</b> (ZAMG, Austria), Claudia Flandorfer, Christoph Lotteraner, Martin Piringer, Marion Greilinger, Anneliese Kasper-Giebl, Gerhard Schauer
10:15	O15.8	<b>Gap wind and wakes in SE-Iceland on 18 October 2016</b> <b>Guðrún Nína Petersen</b> (Icelandic Meteorological Office, Iceland), Haraldur Ólafsson, Stephen Mobbs, Axel Wellpott, Ioana Colfescu
<b>Coffee break &amp; Poster session P7</b>		
11:15-12:30	O16	<b>Oral session: Results from field campaigns and the history of mountain meteorology</b> <b>Chair: Hálfdán Ágústsson</b>
11:15	O16.1	<b>Interactions of a mesoscale katabatic flow with a small crater basin to produce cold and warm air intrusions, flow bifurcations and a hydraulic jump</b>

		<b>Dave Whiteman</b> (University of Utah, USA), Manuela Lehner, Sebastian Hoch, Bianca Adler, Norbert Kalthoff, Roland Vogt, Iris Feigenwinter, Thomas Haiden, Richard Rotunno, Matthew Hills
11:30	O16.2	<b>Processes leading to heavy precipitation over north-eastern Adriatic during the HyMeX SOP1</b> <b>Branka Ivancan-Picek</b> (Meteorological and Hydrological Service - DHMZ, Croatia), Martina Tudor, Kristian Horvath, Antonio Stanesic, Stjepan Ivatek-Sahdan
11:45	O16.3	<b>INCA analysis and nowcasting as part of the international collaborative experiments for the PyeongChang Olympic and Paralympic Games 2018 (ICE-POP 2018)</b> <b>Benedikt Bica</b> (ZAMG, Austria), Nauman Khurshid Awan, Josef Kemetmüller, Alexander Kann, Yong Wang
12:00		Closing remarks

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