

Futurevolc dissemination records: 1 April 2014-31 March 2015

Peer review publications: conferences

Type of activity	Main leader (First author's institute)	Title	Date	Place	Type of audience Scientific – Industry – Civil – Policy makers - Medias	Size of audience (approx.)	Countries addressed
Oral presentation to a scientific event	UNIWUE	Magma meets water: when does it explode – when not?	21/11/2014	SIMC, Querétaro, Mexico	Scientific community	200	International
Posters	CETEMPS	Model-based Analysis of the Impact of Volcanic Ash Clouds on W-band Satellite Communication Links	08/04/2014	EUCAP 2014, The Hague, Holland	Scientific community	2000	International
Oral presentation to a scientific event	HIMET	Interpretation of polarimetric radar measurements at X band for volcanic plume monitoring	03/09/2014	ERAD 2014, Garmisch-Partenkirchen, Germany	Scientific community	400	International
Poster	CETEMPS	Potential of weather radar in estimating volcanic eruption source parameters: case study of Eyjafjallajökull volcano eruption	03/09/2014	ERAD 2014, Garmisch-Partenkirchen, Germany	Scientific community	400	International
Oral sci event	CETEMPS	Exploiting microwave scanning radar for monitoring Icelandic volcanic eruption source parameters	10/10/2014	EuMW 2014, Rome, Italy	Scientific community	500	International
Oral sci event	UNIPA	Volcanic gas monitoring of quiescent volcanoes using permanent Multi-GAS networks	09/09/2014	Cities on Volcanoes 8 conference, Indonesia	Scientific Community	500	International
Oral sci event	UNIPA	Gas monitoring in Iceland	06/2014	MemoVolc Summer School, Iceland	Scientific Community	100	International
Oral sci event	UNIGE	A multi-scale risk assessment for tephra fallout and airborne concentration from multiple Icelandic volcanoes - Part I: hazard assessment	24/07/ 2013	IAVCEI 2013, Japan	Scientific Community	300	International
Oral sci event	UNIGE	A multi-scale risk assessment for tephra fallout and airborne concentration from multiple Icelandic volcanoes - Part II: vulnerability and impact	24/07/ 2013	IAVCEI 2013, Japan	Scientific Community	300	International
Oral sci event	UNIGE	Risk assessment for tephra dispersal and sedimentation: the example of four Icelandic volcanoes	28/04/2014	EGU meeting, Vienna, Austria	Scientific Community	300	International
Oral sci event	UNIGE	Impact assessment for tephra dispersal and sedimentation: the example of four Icelandic volcanoes	22/11/2014	Swiss Geoscience Meeting, Fribourg, Switzerland	Scientific Community	100	International
Oral sci event	UNIGE	Future Developments and New Directions in the Modelling and Monitoring of Volcanic Ash Clouds	23/1/2014	Journée magmatique, Lausanne, Switzerland	Scientific Community	50	Switzerland
Oral sci event	Cambridge	Building the Crust through Melt Intrusions, Askja, Iceland	12/2014	AGU meeting, San Francisco, USA	Scientific Community		International
Poster	Cambridge	Dyke propagation mechanisms and the immediate pre- and syn-eruptive seismicity of the 2014 Holuhraun fissure eruption, Iceland,	01/2015	Norwich, UK	Scientific Community	200	UK
Poster	Cambridge	Overview of Geophysical Constraints on the 2014 Bárðarbunga - Holuhraun Eruption, Iceland,	01/2015	Norwich, UK	Scientific Community	200	UK
Poster	Cambridge	Seismicity caused by dyke propagation in	01/2015	Norwich, UK	Scientific	200	UK

		the Bárðarbunga volcanic system, NE Iceland			Community		
Oral sci event	Cambridge	Microseismicity and tomography of the Askja central volcano, Iceland	17/11/ 2014	Leitrim, Ireland	Scientific Community	30	Europe
Oral sci event	Cambridge	Drumbeats in the Deep: Building the Crust by Igneous intrusions	17/11/ 2014	Leitrim, Ireland	Scientific Community	30	Europe
Oral sci event	Cambridge	Seismicity caused by dike propagation in the Bárðarbunga volcanic system, NE Iceland	17/11/ 2014	Leitrim, Ireland	Scientific Community	60	Europe
Oral sci event	Cambridge	Iceland Day	12/03/2015	Cambridge University, UK	Scientific Community	50	UK
Oral sci event	Clermont	Duration of gas accumulation before the 2010 Eyjafjallajökull eruption constrained by ^{210}Po - ^{210}Pb - ^{226}Ra disequilibria	02/05/2014	EGU meeting, Vienna, Austria	Scientific Community	500	International
Oral sci Event	UI	Constraints on eruption dynamics and volcanic conduit processes inferred from volcano geodesy	25/10/2014	MeMoVolc workshop, INGV-Sezione di Pisa, Italy	Scientific Community	50	Italy
Poster	Clermont	Sulphide globules and their impact on sulphur degassing budget: the case of Grímsvötn volcano, Iceland.	02/05/2014	EGU meeting, Vienna, Austria	Scientific Community	500	International
Poster	Leeds	Improving volcano monitoring through rapid, automatic InSAR processing	17/12/2014	AGU meeting, San Francisco, USA	Scientific Community	15000	International
Poster	Leeds	Two Decades of Magma Supply to the Galápagos Volcanoes Inferred from InSAR and GPS Time-series	26/02/2015	ESA Fringe 2015, Frascati Italy	Scientific Community	500	International
Oral sci event	Leeds	Rapid InSAR processing as a volcano monitoring tool	26/02/2015	ESA Fringe 2015, Frascati, Italy	Scientific Community	500	International
Oral sci event	Leeds	Deformation models for the 2014 Bárðarbunga dyke intrusion and caldera collapse in Iceland	26/02/2015	ESA Fringe 2015, Frascati, Italy	Scientific Community	500	International
Oral sci event	Leeds	Monitoring of the Bardarbunga eruption using InSAR	08/01/2015	COMET student meeting, Oxford, UK	Scientific Community	100	UK
Oral sci event	Leeds	Dynamics of magma supply, storage and eruption at active volcanoes: Current understandings and future directions	09/01/2015	COMET student meeting, Oxford, UK	Scientific Community	100	UK
Oral sci event	UNIFI	Elements of Volcano Acoustics	18/05/2014	NEMOH, International School of Volcanology Stromboli, Italia	Scientific Community	60	International
Oral sci event	UNIFI	3D Lattice-Boltzmann strategies: New insights into Volcanic Jet Dynamics and Infrasond	09/09/2014	Cities on Volcanoes, Indonesia	Civil society Scientific Community	70	International
Oral sci event	UNIFI	Effects of the atmospheric structure and topography on infrasond propagation around Sakurajima	09/09/2014	Cities on Volcanoes, Indonesia	Civil society Scientific Community	70	International
Oral sci event	Leeds	InSAR for near real-time deformation monitoring	16/07/2014	International Geoscience and Remote Sensing Symposium Canada	Scientific Community	200	International
Poster	Leeds	Improving volcano monitoring through rapid, automatic InSAR processing	17/12/2014	AGU meeting, San Francisco, USA	Scientific Community	200	International
Oral sci event	Leeds	Rapid InSAR processing as a volcano monitoring tool	26/02/2015	ESA Fringe 2015, Frascati Italy	Scientific Community	200	International
Oral sci event	Leeds	Deformation models for the 2014 Bárðarbunga dyke intrusion and caldera collapse in Iceland	26/02/2015	ESA Fringe 2015, Frascati Italy	Scientific Community	200	International
Oral sci event	Leeds	Monitoring of the Bardarbunga eruption using InSAR	08/01/2015	COMET student meeting, Oxford, UK	Scientific Community	100	UK
Oral sci event	Leeds	Dynamics of magma supply, storage and eruption at active volcanoes: Current understandings and future directions	09/01/2015	COMET student meeting, Oxford, UK	Scientific Community	100	UK

Poster	GFZ	Dynamics of the 2014 Holuhraun fissure eruption analysed by video monitoring system	23/02/2015	Physics of Volcanoes Workshop, Potsdam, GERMANY	Scientific Community	50	Germany
Poster	GFZ	Changes in topography at the Holorhaun fissure and lavaflow determined by using nearfield and airborne photogrammetry	23/02/2015	Physics of Volcanoes Workshop, Potsdam, GERMANY	Scientific Community	50	Germany
Poster	UNIVBRIS	Timescales of volcanic source unsteadiness observed in ash plume dynamics and tephra deposits	05/01/2015	Geological Society of London, Volcanic and Magmatic Studies Group Meeting, Norwich, UK	Scientific community	150	UK
Oral sci event	Nicarnica	Infrared Cameras for Volcanic Plume Measurements	19/11/2014	CCVG-IAVCEI 12th Field Workshop on Volcanic Gases, Copiapo, Chile	Scientific Community	100	International
Oral sci event	Nicarnica	Improving estimates of SO ₂ flux from imaging cameras using computer vision	14/11/2014	2 nd Volcanic plumes imaging workshop, Spain	Scientific Community	30	International
Oral sci event	Nicarnica	Infrared imaging cameras	13/11/2014	2 nd Volcanic plumes imaging workshop, Spain	Scientific Community	30	International
Poster	NERC	Catalogue of Icelandic volcanoes	12/09/2014	Cities on Volcanoes 8, Yogyakarta, Indonesia	Scientific Community	500	International
Oral sci event	NERC	New insights into Icelandic volcanoes: degassing regime of Hekla volcano 2012-2014	17/11/2014	CCVG-IAVCEI 12th Field Workshop on Volcanic Gases, Copiapo, Chile	Scientific Community	100	International
Oral sci event	UCD	Array analysis of Seismic Tremor from different sources, Vatnajökull glacier, Iceland	04/2015	EGU meeting, Vienna, Austria	Scientific Community	60	International
Oral sci event	UI	Monitoring unrest in a subglacial volcano by combining thermal, meltwater conductivity and seismic signals: The Katla caldera, Iceland	28/04/2014	EGU meeting, Vienna, Austria	Scientific Community	70	International
Oral sci event	UI	Icelandic Volcanoes Geohazard supersite and FUTUREVOLC: Role of interferometric synthetic aperture radar to identify renewed unrest and track magma movement beneath the most active volcanoes in Iceland	28/04/2014	EGU meeting, Vienna, Austria	Scientific Community	100	International
Poster	UI	European collaboration for improved monitoring of Icelandic volcanoes: Status of the FUTUREVOLC project after initial 18 month	28/04/2014	EGU meeting, Vienna, Austria	Scientific Community	200	International
Poster	UI	Total and single phase grain-size distributions for the 2011 sub-Plinian basaltic eruption of Grímsvötn, Iceland	28/04/2014	EGU meeting, Vienna, Austria	Scientific Community	15000	International
Poster	UI	Grain size and shape analysis of the AD 1226 tephra layer, Reykjanes volcanic system	28/04/2014	EGU meeting, Vienna, Austria	Scientific Community	15000	International
Oral sci event	IMO	The FUTUREVOLC Supersite's e-Infrastructure - A multidisciplinary data hub and data service for Icelandic Volcanoes	28/04/2014	EGU meeting, Vienna, Austria	Scientific Community	15000	International
Poster	UNIGE	Risk assessment for tephra dispersal and sedimentation: the example of four Icelandic volcanoes	28/04/2014	EGU meeting, Vienna, Austria	Scientific Community	15000	International
Oral sci event	UI	Earth rheology in Iceland: new constraints from InSAR observations and models of crustal deformation induced by glacial surge and GIA	29/04/2014	EGU meeting, Vienna, Austria	Scientific Community	15000	International

Oral sci event	UI	Deformation of Grímsvötn volcano, Iceland, 1992-2014: Constraints on magma flow in relation to eruptions in 1998, 2004 and 2011	30/04/2014	EGU meeting, Vienna, Austria	Scientific Community	500	International
Poster	UI	Dynamics of eruptive pulses – A case study of the second explosive phase of the 2010 Eyjafjallajökull eruption (Iceland)	30/04/2014	EGU meeting, Vienna, Austria	Scientific Community	500	International
Poster	UI	Crustal movements at a divergent plate boundary: interplay between volcano deformation, geothermal processes, and plate spreading in the Northern Volcanic Zone, Iceland since 2008.	01/05/2014	EGU meeting, Vienna, Austria	Scientific Community	200	International
Poster	UI	Geodetic constraints on volcanic plume height at Grímsvötn volcano, Iceland	02/05/2014	EGU meeting, Vienna, Austria	Scientific Community	200	International
Oral sci event	UI	Breaking free – basaltic fragmentation from morphology populations	02/05/2014	EGU meeting, Vienna, Austria	Scientific Community	200	International
PICO	UI	Modelling of thermal contraction of emplaced lava flows at Hekla volcano	02/05/2014	EGU meeting, Vienna, Austria	Scientific Community	200	International
Poster	UI	Daily geochemical monitoring of rivers using osmotic pumps	08/2014	International Carbon Conference, Reykjavik, IS	Scientific Community	60	International
Oral sci event	UI	Dyke propagation, lateral eruptions, their forecasts and related hazards	07/10/2014	DCP – INGV workshop on Volcanoes, Rome	Scientific Community	100	Italy
Oral sci event	UI	Volcanoes, ice and lava: Unrest in Bárðarbunga, northwestern Vatnajökull	31/10/2014	International Glaciological Society – Nordic Branch, Iceland	Scientific Community	100	Nordic countries
Poster	UI	Fyrstu viðbrögð við umbrotunum í Bárðarbungu með GPS landmælingum	22/11/2014	Iceland Geoscience Society. Reykjavik, Iceland	Scientific Community	50	Iceland
Oral sci Event	UI	Interpretation of deformation captured by GPS and InSAR geodesy during the 2014 rifting event in the Bárðarbunga volcanic system.	22/11/2014	Iceland Geoscience Society. Reykjavik, Iceland	Scientific Community	50	Iceland
Oral sci Event	UI	SAR satellite monitoring of the 2014 dyke intrusion and eruption within the Bárðarbunga volcanic system	22/11/2014	Iceland Geoscience Society. Reykjavik, Iceland	Scientific Community	50	Iceland
Oral sci event	UI	Öskjusig í Bárðarbungu (Caldera collapse in Bárðarbunga)	22/11/2014	Iceland Geoscience Society. Reykjavik, Iceland	Scientific Community	80	Iceland
Oral sci event	UI	Exploring the third dimension of Nornahraun: Methods to quantify the thickness of the lava field and first results;	22/11/2014	Iceland Geoscience Society. Reykjavik, Iceland	Scientific Community	150	Iceland
Oral sci event	UI	Water/magma mass fractions in phreatomagmatic eruption plumes – constraints from the Grímsvötn 2011 eruption	15/12/2014	AGU meeting, San Francisco, USA	Scientific Community	20000	International
Poster	UI	Water/magma mass fractions in phreatomagmatic eruption plumes - constraints from Grímsvötn 2011	15/12/2014	AGU meeting, San Francisco, USA	Scientific Community	15000	International
Oral sci event	UI	Magma flow, eruption column and magma pressure change during 2010 Eyjafjallajökull and 2011 Grímsvötn eruptions, Iceland: Constraints from volcano geodesy on physical models of eruptive processes	17/12/2014	AGU meeting, San Francisco, USA	Scientific Community	500	International
Oral sci event	UI	Seismicity and deformation of Krafla volcano, Iceland. Intervals of low seismicity rate during rapid inflation explained by the Kaiser effect.	17/12/2014	AGU meeting, San Francisco, USA	Scientific Community	500	International
Poster	UI	Avalanche induced Tsunami June 21st 2014, in the Askja caldera lake Iceland.	18/12/2014	AGU meeting, San Francisco, USA	Scientific Community	20000	International
Poster	UI	Long-Term Geodetic Measurements at the	18/12/2014	AGU meeting,	Scientific	500	International

		Most Active Volcanoes in Iceland: Role of Interferometric Synthetic Aperture Radar and GPS in Hazard Monitoring at Hekla, Katla, Eyjafjallajökull and Askja Volcanoes		San Francisco, USA	Community		
Oral sci event	UI	Deflation and Deformation of the Askja Caldera Complex, Iceland, Since 1983: Strain and Stress Development on Caldera Boundaries Prior to Tsunami Generating Rockslide in 2014 at Lake Öskjuvatn.	19/12/2014	AGU meeting, San Francisco, USA	Scientific Community	500	International
Oral sci event	UI	Inflation-Deflation Signals at Eyjafjallajökull Volcano, Iceland, During a Period of Intermittent Unrest	19/12/2014	AGU meeting, San Francisco, USA	Scientific Community	500	International
Oral sci event	UI	Dynamics of Individual Eruptive Pulses and their Contribution to the Total Mass Flux – Case Study of the 2nd Explosive Phase of the 2010 Eyjafjallajökull Eruption (Iceland)	19/12/2014	AGU meeting, San Francisco, USA	Scientific Community	500	International
Oral sci event	UI	The ongoing fires north of Vatnajökull	17/02/2014	Open public lecture University of Iceland	Civil society	300	Icelandic
Oral sci event	UI	Satellite Monitoring of the 2014 Dyke Intrusion and Eruption within the Bárðarbunga Volcanic System, facilitated by the CEOS Icelandic SUPERSITE	23/03/2015	ESA FRINGES, Frascati, Italy	Scientific Community	200	International
Oral sci event	UI	Constraints from satellite radar interferometry on the plumbing system feeding the 2014 fissure eruption at Holuhraun, Bárðarbunga volcanic system, Iceland	26/03/2015	ESA FRINGES, Frascati, Italy	Scientific Community	50	International
Oral sci event	UI	PS-InSAR Measurements at the Most Active Volcanoes in Iceland: Role of Interferometric Synthetic Aperture Radar in Deformation Monitoring at Bárðarbunga, Askja, Hekla, Katla and Eyjafjallajökull Volcanoes	26/03/2015	ESA FRINGES, Frascati, Italy	Scientific Community	50	International
Oral sci event	UCD	Microseismicity at Hekla Volcano	22/09/2014	Futurevolc annual meeting. Bifrost, Iceland	Scientific Community	40	International
Oral sci event	UCD	Shallow source locations: examples from Hekla and Bárðarbunga <i>Comparing and Testing Different Models for Volcano Seismicity</i>	11/2014	Leitrim Ireland	Scientific Community	30	International
Oral sci event	UCD	Seismic Tremor caused by different sources, Vatnajökull glacier	12/2014	AGU meeting, San Francisco, USA	Scientific Community	60	International
Oral sci event	UCD	Monitoring Hekla Volcano with Shallow Background Microseismicity, Iceland	04/2014	EGU meeting, Vienna, Austria	Scientific Community	40	International
Poster	NCIP	WP3: Communications and supporting risk management	09/2014	Futurevolc annual meeting. Bifrost, Iceland	Scientific Community	100	International
Poster	NCIP	Communication network and activities during the Bárðarbunga response	09/2014	Futurevolc annual meeting. Bifrost, Iceland	Scientific Community	100	International
Oral sci event	UI	Comparison of the Bárðarbunga 2014-2015 rifting event, slow caldera collapse and the eruption in Holuhraun with the 1975-1984 Krafla and 2005-2010 Dabbahu, Afar, rifting episodes	13/02/2015	Iceland Geoscience Society. Reykjavík, Iceland	Scientific Community	100	Iceland
Oral sci event	IMO	Deformation derived from GPS geodesy associated with the 2014-2015 Bárðarbunga rifting event	13/02/2015	Iceland Geoscience Society. Reykjavík, Iceland	Scientific Community	100	Iceland
Oral sci event	IMO	Kvikugangurinn og óráhviðurnar á leið hans frá Bárðarbungu til Holuhrauns – Greining smáskjalftagagna	13/02/2015	Iceland Geoscience Society. Reykjavík, Iceland	Scientific Community	100	Iceland
Oral sci	IMO	Eftirlit með jarðhræringum í Bárðarbungu (13/02/2015	Iceland	Scientific	100	Iceland

event		Monitoring the Bárðarbunga crisis)		Geoscience Society. Reykjavik, Iceland	Community		
Poster	IMO	Remote Sensing of Volcanic Ash: Radar, Lidar and Ceilometer Activities at IMO	03/02/2015	Remote Sensing of Volcanic Ash Workshop, Manchester, England	Scientific Community	100	International
Oral sci event	IMO	Geophysical features of recent volcanic eruptions in Iceland	04/02/2015	MeMoVolc INGV-Pisa, Italy	Scientific community	50	International
Oral sci event	IMO	Monitoring, hazard assessment and decision-making during the on-going crisis at Bárðarbunga volcano (Iceland)	10/10/2014	Italian Civil Defence, Italy	Scientific Community	50	International
Poster	IMO	Cloud and precipitation formation associated with the Holuhraun lava	09/2014	Futurevolc annual meeting. Bifrost, Iceland	Scientific Community	150	International
Poster	IMO	Measurements with Optical Particle Counter during and between volcanic eruptions.	09/2014	Futurevolc annual meeting. Bifrost, Iceland	Scientific Community	150	International
Poster	IMO	The Holuhraun eruption plume and SO2 pollution episodes in East Iceland	09/2014	Futurevolc annual meeting. Bifrost, Iceland	Scientific Community	150	International
Poster	IMO	Joint efforts on real-time and daily monitoring in Iceland during the Bárðarbunga rifting and eruption in Holuhraun	09/2014	Futurevolc annual meeting. Bifrost, Iceland	Scientific Community	150	International
Poster	IMO	Seismic activity and real-time monitoring at IMO during the Bárðarbunga 2014 rifting and eruption in Holuhraun.	09/2014	Futurevolc annual meeting. Bifrost, Iceland	Scientific Community	150	International
Poster	IMO	Propagation of Seismicity - Relative Locations	09/2014	Futurevolc annual meeting. Bifrost, Iceland	Scientific Community	150	International
Poster	IMO	The IMO's response to the volcanic gases cloud hazard from Holuhraun eruption.	09/2014	Futurevolc annual meeting. Bifrost, Iceland	Scientific Community	150	International
Poster	IMO	Bárðarbunga 2014: Propagation of Seismicity – Relative Locations	09/2014	Futurevolc annual meeting. Bifrost, Iceland	Scientific Community	150	International
Poster	UI	Bárðarbunga caldera subsidence monitored by aircraft radar altimetry	09/2014	Futurevolc annual meeting. Bifrost, Iceland	Scientific Community	150	International
Poster	UI	Subglacial heat sources associated with ice cauldrons at Bárðarbunga, Iceland, explored with numerical reservoir simulations	09/2014	Futurevolc annual meeting. Bifrost, Iceland	Scientific Community	150	International
Poster	UI	Monitoring of jökulhlaups and element fluxes in proglacial Icelandic rivers using osmotic samplers	09/2014	Futurevolc annual meeting. Bifrost, Iceland	Scientific Community	150	International
Poster	UI	Dynamics of eruptive pulses - A case study of the 2nd explosive stage of the 2010 Eyjafjallajökull eruption (Iceland)	09/2014	Futurevolc annual meeting. Bifrost, Iceland	Scientific Community	150	International
Poster	UI	FUTUREVOLC Deformation Team: Response to Bárðarbunga unrest and eruption	09/2014	Futurevolc annual meeting. Bifrost, Iceland	Scientific Community	150	International
Poster	UI	FUTUREVOLC Deformation Team: Response to Bárðarbunga unrest and eruption	09/2014	Futurevolc annual meeting. Bifrost, Iceland	Scientific Community	150	International
Poster	LEEDS	Rapid InSAR processing for volcano monitoring	09/2014	Futurevolc annual meeting. Bifrost, Iceland	Scientific Community	150	International