



23. February

09:15 Opening

Session 1: Intrusions and unrest (alphabetic order)

09:30 Corbi	:	Caldera collapse unloading volcanoes: the textbook case of Fernandina, Galápagos
09:50 De Zeeuw van Dalfsen	:	A geomorphological study of the nested summit craters of Láscar volcano.
10:10 Farias	:	Field observations and Numerical Simulations on the influence of Tectonic Earthquakes in Volcanic Activity
10:30 Holohan	:	Effects of Host-rock Fracturing on Deflation- related Volcano Deformation Sources
10:50 Klügel	:	Lateral magma transport in the lower oceanic crust: the 2011-12 submarine eruption at El Hierro (Canary Islands)

Coffee and poster break (11:10-11:30)

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11:30 Maccaferri	: The 2000 Miyakejima dike injection: insight on the mechanisms governing the dike arrest
11:50 Nikkhoo	: Implications of geodetic data and seismic tomography inversions on Lazufre volcanic region
12:10 Papale	: The physics of large-scale magma convection and mixing
12:30 Passarelli	: Stress changes, focal mechanisms and earthquake scaling laws for the 2000 dike at Miyakejima (Japan)
12:50 Ritter	: Mantle Processes Related to the Eifel Volcanism
13:10 Jousset	: Evidences for remote triggering: examples from volcanic and sedimentary sites.

Lunch and poster break (13:30-14:30)

14:30 Rivalta	: Mechanical models of dike propagation: schools of thought.
14:50 Schierjott	: A numerical and analogue study of dike ascent in continental rift zones
15:10 von der Lieth	: Modelling deformation associated with strombolian activity
15:30 Wiesmaier	: Magma mixing mechanisms: bubbles
15:50 Zimmer	: Thermal and Geochemical Monitoring at Lastarria and Lascar Volcanoes, Chile

Coffee, beer and poster break (16:10-17:00)

17:00 Discussion table: volcanology in Germany, facts and visions





24. February				
_	ons and impact (alphabetic order reverse)			
09:00 Zaksek	: Photogrammetric retrieval of volcanic ash cloud top height from SEVIRI and MODIS during 2010 Eyjafjallajökull eruption			
09:20 Weber	: Airborne analysis of the eruption plumes of Eyjafjallajökull, Grimsvötn and Bardarbunga, Iceland, from 2010 to 2014			
09:40 Warnach	: Retrieval of BrO at Tungurahua volcano and the NOVAC network			
10:00 Walter	: Volcapse - observing volcanoes from combined satellite radar and camera time-lapse imaging methods			
10:20 Tirpitz	: Optical In-Situ-Sulfurdioxide-Sensors as an Alternative to Conventional Electrochemical Instruments			
10:40 Scolamacchi	a : Exploring the binding action of S in aggregates of lapilli and ash.			
Coffee and poster	break (11:00-11:30)			
11:30 Scharff	: Monitoring the recent unrest at Volcán de Colima, Mexico, with a Doppler radar			
11:50 Salzer	: Co-seismic dome deformation at Mount St. Helens constrained from optical camera imagery			
12:10 Rocholl	: Precipitation of Apatite from Phreatic Eruption Clouds and its Role in the Formation of Composite Accretionary Lapilli			
12:30 Kuhn	: Quantitative imaging of volcanic plumes The SO2-camera and beyond			
12:50 Kueppers	: Can we calibrate volcanoes?			
13:10 Richter	: Small-scale Topographic Changes at Active Volcanoes from Terrestrial Laser Scanner Data and InSAR			
	break (13:30-14:30)			
14:30 Klein	: Improved determination of volcanic SO2 emission rates from SO2 camera images			
14:50 Hansteen	: The added value of continuous gas flux measurements for volcano monitoring			
15:10 Fernandez	: Acoustic signature of an impulsively starting jet			
15:30 Dinger	: BrO/SO2 emission ratios from four active "NOVAC" volcanoes			
15:50 Cimarelli	: Experimental Generation of Volcanic Lightning			
Coffee, beer and poster break (16:10-17:00)				
16:45 Discussion	table: Where is the 2nd workshop 2016 taking place?			

17:00 End of 1st Physics of Volcanoes Workshop

Poster presentations

1	Allahbakhshi	:	Long-term effects of rifting-induced stress changes on the earthquake statistics in the Tjörnes Fracture Zone (North Iceland)
2	Bigge	:	Radiative Transfer in Volcanic Plumes
3	Cigala	:	Shock-tube experiments to investigate volcanic jet dynamics
4	Cimarelli	:	Multi-parametric observation of volcanic lightning produced by ash-rich plumes at Sakurajima volcano, Japan.
5	Darmawan	:	Merapi's lava dome splitting explosion on 18 November 2013 observed by lidar and digital image correlation analysis.
6	Gaete	:	
7	Heimann	:	Seismological constraints on the depth and shape of an active mid-crustal plutonic intrusion beneath the Lazufre volcanic region (Chile-Argentinia)
8	Holohan	:	Stress Evolution during Caldera Collapse
9	Jacobsohn	:	Building a new SO2 camera system
10	Levy	:	The 2014 Fogo eruption, Cape Verde Islands, observed with TerraSAR-X InSAR
11	Maccaferri	:	The stress shadow induced by the 1975-1984 Krafla rifting episode.
12	Müller	:	Changes in topography at the Holorhaun fissue and lavaflow determined by using nearfield and airborne photogrammetry
13	Müller	:	Volcanic ash aggregation in the lab - can we mimic natural processes
14	Passarelli	:	Dike intrusions during rifting episodes obey scaling relationships similar to earthquakes
15	Plank	:	Evolution of the Holuhraun fissure eruption (Bardarbunga Volcano, Iceland 2014) monitored by multi-sensor and multi-temporal remote sensing data
16	Witt	:	Dynamics of the 2014 Holuhraun fissure eruption analysed by video monitoring system
17	Woith	:	BubbleLab: Laboratory experiments to understand pressure transients in natural fluid regimes
18	Palo	:	The Long-Period seismicity during the volcanic crises: examples from case studies