

## International symposium “Submarine caldera volcanoes” timetable

### March 6<sup>th</sup>      Session I. Caldera forming eruptions and their magma plumbing systems

9:00	–	9:05	Opening remarks		
9:05	–	9:45	O-01	Steffen Kutterolf *	IODP Expedition 398 Hellenic Arc Volcanic Field - Objectives, challenges and first results of deep drilling into Christiana-Santorini-Kolumbo volcanic field deposits
9:45	–	10:15	O-02	Fukashi Maeno **	Chronology of the 7.3 ka Kikai caldera-forming eruption, Japan
10:15	–	10:35	O-03	Yusuke Haruta	Pre-caldera-forming phases during the 7.3ka Kikai Caldera Eruption
10:35	–	10:55	Short break		
10:55	–	11:15	O-04	Keiko Suzuki-Kamata	Generation and flow mechanism of Koya Ignimbrite
11:15	–	11:35	O-05	Maria Luisa Tejada	Magma sources and variability at Kikai Caldera, SW Japan pre-, syn- and post calderagenic eruptions
11:35	–	11:55	O-06	Nobukazu Seama	7.3 ka Kikai-Akahoya eruption and current status of magma re-injection
11:55	–	12:15	O-07	Yojiro Yamamoto	Seismic velocity structure at Kikai submarine caldera deduced from amphibious passive seismic observation
12:15	–	12:35	O-08	Takumi Obata	Imaging 3D resistivity structure under the Kikai submarine caldera volcano
12:35	–	13:55	Lunch		
13:55	–	15:50	<b>Poster session</b>		
15:50	–	16:10	Short break		
16:10	–	16:30	O-09	Katsuya Kaneko	Magma genesis and temporal magmatic evolution in the three caldera volcanoes, Aso, Aira, and Kikai volcanoes, SW Japan
16:30	–	17:00	O-10	Georg Zellmer **	Fore-arc crustal recycling impacts magma genesis beneath the hyperactive caldera-forming Taupo Volcanic Zone, New Zealand
17:00	–	17:20	O-11	Aditya Pratama	Magma storage conditions beneath Krakatau, Indonesia: insight from geochemistry and rock magnetism studies
17:20	–	17:50	O-12	Nobuo Geshi **	Caldera collapse thresholds correlate with magma chamber dimensions
17:50	–	18:10	O-13	Osamu Sandanbata	Volcanic tsunamis due to trapdoor faulting in submarine calderas

\* Keynote speaker, \*\* Invited speaker

**March 7<sup>th</sup>      Session II. Submarine and subaerial eruptions and their deposits**

8:40	—	9:10	O-14	James D. L. White **	The 2012 submarine explosive eruptions and their deposits at Havre caldera volcano
9:10	—	9:30	O-15	Iona McIntosh	Investigating the formation of the Kikai submarine lava dome using matrix glass volatile contents
9:30	—	9:50	O-16	Mohammad Hasib	Submarine Morphological of Batu Tara Volcano, Flores Sea, Indonesia Based on Multibeam Data
9:50	—	10:10	O-17	Sandra Catane	Hydrovolcanic processes interpreted from dry to subaqueous volcanic facies: a case study of the Late Miocene-Early Pliocene Saioit Volcanics, Ilocos Norte, Philippines
10:10	—	10:30	O-18	Andreas Auer	Large Scale Injectite Formation following a phreatoplinian opening phase of the Unnan eruption, Sanbe Volcano, SW Japan
10:30	—	10:50	Short break		
10:50	—	11:10	O-19	Yoshihiko Tamura	Will Nishinoshima volcano in the Ogasawara arc, western Pacific, make caldera-forming eruptions?
11:10	—	11:30	O-20	Yuya Akamatsu	Physical properties of andesite and basaltic andesite lavas collected from Nishinoshima volcano in the Ogasawara arc
11:30	—	11:50	O-21	Erizza Rose U. Santos	Geochemical variations of the products of the June 1897 Mayon Volcano eruption
11:50	—	12:10	O-22	Takeru Yoshimoto	Preliminary report on consolidation characteristics of sediments in the Christiana, Anafi and Anhydros basins, Greece (IODP Expedition 398)
12:10	—	13:30	Lunch		
13:30	—	13:50	O-23	Yutaka Yoshimura	Paleomagnetic intensity dating for submarine volcanoes: examples from the Central Indian Ridge
13:50	—	14:10	O-24	Gunther Kletetschka	Magnetic acquisition of airborne vs submarine volcanic material
14:10	—	14:30	O-25	Yasuhisa Tajima	Interaction between the supply system and the crustal structure of caldera volcanoes in Kyushu, Japan
14:30	—	14:50	O-26	Julizza Rose A. Edulan	Spatial variation along the Macolod Corridor, Philippines: insights from the geochemical analysis of monogenetic cones and different volcanic centers
14:50	—	15:10	Short break		
15:10	—	15:55	Discussion and closing remarks		

\*\* Invited speaker

**March 6<sup>th</sup>****Poster session**

P-01	Takeshi Hanyu	Magma evolution from Tozurahara to Akahoya catastrophic eruptions at Kikai Caldera; a study on marine tephras from the Chikyu SCORE core
P-02	Koji Kiyosugi	Investigation of subaerial and submarine deposits of pyroclastic density currents: A case study at Kikai volcano, SW Japan
P-03	Reina Nakaoka	Emplacement temperature estimation of Kikai-Akahoya deposits of Kikai caldera volcano by paleomagnetic measurements
P-04	Morihisa Hamada	Evolution of magma supply system beneath a submarine lava dome after the 7.3-ka caldera forming Kikai-Akahoya eruption
P-05	Aoi Asada	Change of magmatic characteristics between the 7.3ka caldera-forming eruption and the post lava dome eruption
P-06	Selvia Novianti	Revealing the eruption shifting of submerged caldera through the textural and physical analysis: Case Study Kikai Caldera
P-07	Islam MD Nazmul	Probable Detrimental Impacts of Submarine Eruption and The Way Forwards
P-08	Kenta Ueki	An introduction to the geochemical database of caldera eruption products around Japanese islands
P-09	Nishihara Ayumu	Construction of geochemical database of ejecta from volcanic activity in the Aira caldera region, SW Japan
P-10	Hiroki Miyamachi	Solidified magma reservoir derived from active source seismic experiments in the Aira caldera, southern Kyushu, Japan
P-11	Catherine Lit	A review on the explosive tephra deposit record in the Philippines on land and in the sea: example from Sulu Sea, Philippines
P-12	Kenta Yoshida	The contrasting characteristics of the proximal volcanoclastic materials and drift pumice of Fukutoku-Oka-no-Ba, Izu-Bonin Arc.
P-13	Satoru Tanaka	Daily analysis of the IMS hydrophone array
P-14	Yugo Suzuki	Development of an Interpretable Volcanic Earthquake Classification Method Using Transformer
P-15	Ryohei Kikuchi	Origin of huge zoned ignimbrites of the Aso volcano based on melt inclusion and groundmass analyses