

PROGRAM



Kusasenri

Venue

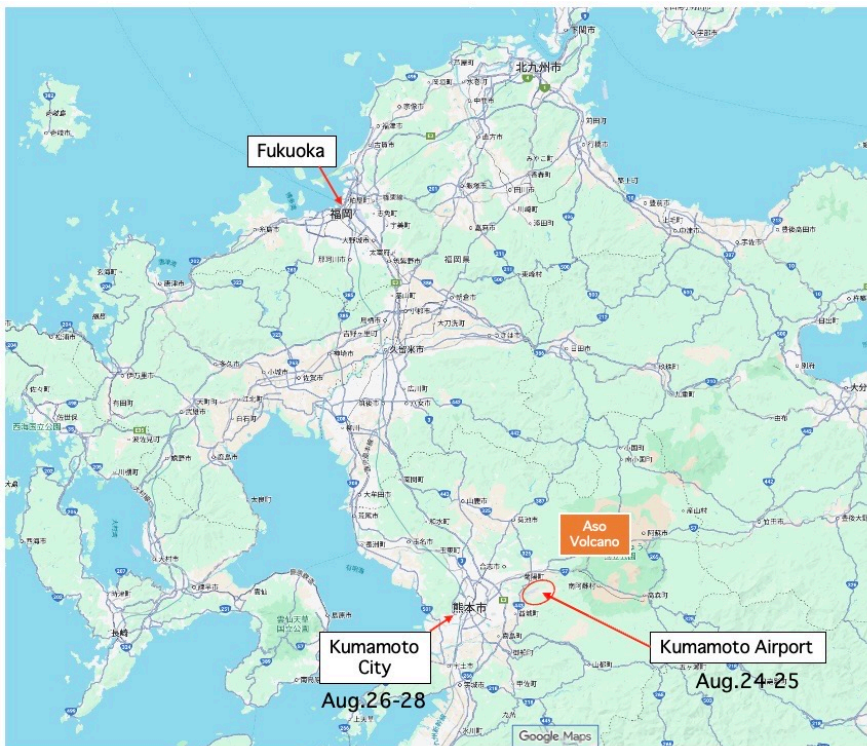
August 24-25, 2026

Aso Kumamoto Rinku Campus (Next to the Kumamoto Airport)



August 26-28, 2026

Kumamoto City International Center



Overall Schedule

August 24 (Mon)

Meet at Kumamoto Airport in the afternoon
Poster Session, *Welcome party*
(Airport Hotel Kumamoto; <https://www.airport-h.jp/>)

August 25 (Tue)

Morning: Opening ceremony, keynote speech
Afternoon: Excursion to Aso Volcano by **hired bus**
Kumamoto Earthquake Disaster Museum, Aso Volcano
(Move to Kumamoto City center)

August 26 (Wed)

Scientific Presentation
Official Reception

August 27 (Thu)

Scientific Presentation
Business Meeting

August 28 (Fri)

Morning: Scientific Presentation and closing ceremony

August 24: Time Table

Time Table			August 24, 2026	
start	end	duration		
14:00			Resistration Desk Open	
15:00	16:30	1:30	Poster Session	
16:30			Move from Rinku Campus to the Hotels by bus	
18:00	20:00	2:00	Welcome Party at Airport Hotel Kumamoto	
Poster size				
Portrait orientation: A0 is available (841×1189mm).				
Landscape orientation: A1 size (594×841mm, max 2 sheets).				

Poster Program

Posters can be displayed on August 24 from 3:00 PM to 4:30 PM, during the morning of the 25th, and all day on the 26th and 27th.

Poster size

Portrait orientation: A0 is available (841×1189mm).

Landscape orientation : A1 size (594×841mm, max 2 sheets).

Poster #		
P-01	Invited Adaptation of earth observation data to the Digital Earth for earthquake prediction	Jun Izutsu (Chubu University), Kazuyoshi Nanjo, Masashi Kamogawa and Toshiyasu Nagao
P-02	Beyond the detection of electromagnetic seismic precursors: a first experiment for the assimilation of VLF/LF data in the epidemic-type aftershock sequence (ETAS) model	Giovanni Nico (National Research Council, Italy), Ming-Che Hsieh, Yung-Ching Yang, Katia Parisi, Pier Francesco Biagi
P-03	Preparatory work for a new multi-sensor node of the International Network for Research on Earthquake Precursors (INFREP) network	Giovanni Nico (National Research Council, Italy), Dario Gioia, Alessio Esposito, Pier Francesco Biagi, Aleksandra Nina, Hans U. Eichelberger, Mohammed Y. Boudjada, Iren-Adelina Moldovan, Patrick H.M. Galopeau
P-04	From Above to Below: a Drone-Centred UAV-GPR/LiDAR Workflow for Transferable Near-Surface Imaging	Nicola Angelo Famiglietti, Bruno, Massa Antonino Memmolo, Annamaria Vicari (Grottaminarda, Italy)
P-05	Earthquake Prediction Research: From Clear Scientific Clues (Current Status) to Practical Public Application (Goal)	Toru Nakagawa (Osaka Gakuin University)
P-06	Understanding the synchronization of pre-earthquake anomalies: Case Studies for Asia	Dimitar Ouzounov (Potomac Falls, VA, USA)
P-07	Earthquake and Solar-Geomagnetic Factors: polynomial cum complex association in support of AI models: long term prediction of seismic events	M Devi (Gauhati University, India), and Partha Das
P-08	Ionospheric earthquake precursor and its lithosphere-atmosphere-ionosphere coupling mechanism: a case study of pre-seismic radon and atmospheric electric-field observations for the 2024 Noto Peninsula earthquake	Masashi Kamogawa (University of Shizuoka), Toshiyasu Nagao
P-09	An Underwater Radiosonde for Measuring Radiation and Radon at the Bottom of Acidic Volcanic Lakes	Vladimir Bolgov (IP VV Bolgov)
P-10	My 30 years' Experience on Seismo-Electromagnetic Satellite Mission - From the ELMOS to the Prelude -	Tetsuya Kodama (Japan Aerospace Exploration Agency)
P-11	Atmospheric and Ionospheric Disturbances Triggered by the 15 January 2022 Tonga Volcanic Eruption	Jann-Yenq Liu (National Central University, Taiwan), Tien-Chi Liu, TIGER (Taiwan Ionospheric Group for Education and Research) Team
P-12	Identification and Extraction of Seismo-electromagnetic Signals Based on Interstation Transfer Functions	Peng Han (Southern University of Science and Technology, China), Hongyan Chen, Katsumi Hattori, Qinghua Huang
P-13	Advancing Research on Mt. Fuji Eruption Prediction Using Total Magnetic Field Observations	Toshiyasu Nagao (Tokai University), Masashi Kamogawa, Makoto Uyeshima

August 25: Time Table

	Important notes regarding the presentation				
	For general presentations, please plan for a total of 20 minutes: 15 minutes for the presentation, 4 minutes for Q&A, and 1 minute for the changeover.				
Program		August 25, 2026			
start	end	duration			Presentation Number
				Chair: Toshiyasu Nagao	
9:50	10:00	0:10	Opening remark	Toshiyasu Nagao	
10:00	10:40	0:40	Invited and keynote The Hoho Volcanic Zone and the Shishimuta buried caldera in the eastern part of central Kyushu, based on gravity anomaly	Shigekazu Kusumoto (Kyoto University)	26-01
10:40	11:20	0:40	Invited and keynote Ionospheric changes immediately before the 2025 July Mw8.8 Kamchatka earthquake	Kosuke Heki (Hokkaido University)	26-02
11:20	11:30	0:10	break	Chair:Katsumi Hattori, Makoto Uyeshima	
11:30	12:10	0:40	Invited and keynote Forerunner Electric signals to volcanic activity. The 2000 Miyakejima eruption	Jacques Zlotnicki (CNRS, France), Y. Sasai, M. Johnston, M. Uyeshima and T. Nagao	26-03
12:10	12:30	0:20	Invited Operational Monitoring of Earthquake Precursors Using the Geomagnetic Method in Indonesia (2016-2026): Principles, Methodology, and Performance Evaluation	Suaidi Ahadi (Meteorological, Geophysical Agency of Indonesia) Muhammad Syrojudin, Yossy Setiawan, Hasan	26-04
12:30	13:30	1:00	Lunch		
After Lunch		Aso Excursion			

August 26: Time Table

Important notes regarding the presentation					
For general presentations, please plan for a total of 20 minutes: 15 minutes for the presentation, 4 minutes for Q&A, and 1 minute for the changeover.					
Program		August 26, 2026			
start	end	duration			Presentation Number
				Chair: Wenchao Li, Tesuya Kodama	
9:30	9:50	0:20	PRELUDE CubeSat mission: early operational results and multi-satellite perspectives on ionospheric earthquake precursors	Masashi Kamogawa (University of Shizuoka), Masahiko Yamazaki, Nagisa Sone, Ryoma Miura, and the PRELUDE Team	26-05
9:50	10:10	0:20	Different several-day TEC variations over different regions at the same geomagnetic latitude	Wojciech Jarmołowski (University of Warmia and Mazury in Olsztyn, Poland), Anna Belehaki, Paweł Wielgosz, Anna Krypiak-Gregorczyk	26-06
10:10	10:30	0:20	Geophysical Monitoring of Hydrothermal Activity in the Tatum Volcano Group: Insights from Continuous Self-Potential and Near-Surface ERT Surveys	Hong-Jia Chen (National Chung Cheng University, Taiwan)	26-07
10:30	10:50	0:20	Statistical Modeling of Earthquake Occurrence Using Geomagnetic and Ionospheric Anomalies: An Extension of the ETAS Model	Wenchao Li (Chiba University), Chinatsu Sasanuma, Chie Yoshino, Katsumi Hattori, Jiancang Zhuang, Peng Han	26-08
10:50	11:10	0:20	break	Chair: Katsumi Hattori, Carlos Alberto Vargas	
11:10	11:30	0:20	Ionospheric electric and magnetic field variations related to earthquakes in Europe	Hans U. Eichelberger (Austrian Academy of Sciences), Aleksandra Nina, Aleksandra Kolarski, Pier Francesco Biagi, Giovanni Nico, Iren-Adelina Moldovan, Patrick H. M. Galopeau, Mohammed Y. Boudjada	26-09
11:30	11:50	0:20	Invited Earthquake-modulated carbon transport in eastern Taiwan: Evidence for structurally partitioned carbon reservoirs and transient fault-zone permeability	Ching-Chou Fu (Academia Sinica, Taiwan), Kuo-Hang Chen, Kuo-Wei Wu, Pei-Ling Wang, Hao Kuo-Chen, Li-Hung Lin	26-10
11:50	12:10	0:20	Continuous Magnetotelluric and Gas Monitoring of Seismic and Volcanic Unrest: RGUNAL Network Design and Preliminary Evidence from Colombia and Antarctica	Carlos Alberto Vargas (Universidad Nacional de Colombia at Bogota), Alexander Caneva, Adriana Gulisano	26-11
12:10	12:30	0:20	Network Analysis of GNSS-Based Pseudo-Strainmeters: A Retrospective Study of Large Inland Earthquakes in Western Japan	Jumpei Najima (Chiba University), Yoichi Noda, Katsumi Hattori, Yukio Fujinawa, Chie Yoshino	26-12
12:30	12:50	0:20	Invited The International Network for Research on Earthquake Precursors (INFREP) network: recent results and ways forward	Giovanni Nico (National Research Council, Bari, Italy), Pier Francesco Biagi, Aleksandra Nina, Hans U. Eichelberger, Mohammed Y. Boudjada, Iren-Adelina Moldovan, Patrick H.M. Galopeau, Rocco Miglionico, Alessio Esposito	26-13
12:50	14:05	1:15	Lunch	Chair: Hajime Koike, Ching-Chou Fu	

August 26: Time Table (continued)

14:05	14:25	0:20	Invited Possible effects of ground charge on ionosphere	Chihiro Yamanaka (the University of Osaka), Akitaka Gotou and Hiroyuki Furukawa	26-14
14:25	14:45	0:20	Toward Data-Driven Short-Term Earthquake Forecasting: Lessons from Multi-Parameter Electromagnetic Observations	Katsumi Hattori (Chiba University), Jann-Yenq Liu, Peng Han, Dimitar Ouzounov, Qinghua Huang, Chinatsu Sasanuma, Chie Yoshino, Wenchao Li, Rui Song, Takumi Ono, Jumpei Najima, Yoichi Noda, Keigo Saeki	26-15
14:45	15:05	0:20	Invited Statistical analysis of VLF signal amplitude noise reductions before earthquakes	Aleksandra Nina (University of Belgrade, Serbia), Pier Francesco Biagi, Giovanni Nico, Hans U. Eichelberger, Mohammed Y. Boudjada	26-16
15:05	15:25	0:20	Multidimensional approaches in identification of earthquake precursors in geomagnetic ambiance: A study over West Pacific and South Asian zones under EM platform	M Devi (Gauhati University, India), K. I. Oyama, Partha Das, A. K. Barbara	26-17
15:25	15:45	0:20	An overview of Changes Associated to the Myanmar Earthquake of 28 March 2025 Using Multi Satellite data	Feng Jing, Ashwani Raju, Akshansha Chauhan and Ramesh P Singh (Chapman University,)	26-18
15:45	16:05	0:20	The Capacitive Coupling Model for Preseismic Ionospheric Anomalies and Atmospheric Current Reduction	Akira Mizuno (Kyoto University), Kao Mingui, Ken Umeno	26-19
16:05	16:25	0:20	break	Chair: Chihiro Yamanaka, Aleksandra Nina	
16:25	16:45	0:20	Invited Earthquake Nowcasting in Japan and QuakeGPT: A Preliminary Report	Kazuyoshi Z. Nanjo (University of Shizuoka), John B. Rundle, Ian T. Baughman	26-20
16:45	17:05	0:20	CoRelation Analysis of Short-Term Crustal Deformation Prior to Large Earthquakes Worldwide	Hiroki Tanaka (Kyoto University), Ken Umeno	26-21
17:05	17:25	0:20	Transitions in Eruptive Regimes from Gas Exsolution at Kilauea Volcano, Island of Hawai'i	Ruth Gale (Stanford University), Jenny Suckale	26-22
			Official Reception at Shiromiyagura		

August 27: Time Table

			Important notes regarding the presentation			
			The presentation time includes the Q&A session and the one-minute transition time between speakers.			
			For general presentations, please plan for a total of 20 minutes: 15 minutes for the presentation, 4 minutes for Q&A, and 1 minute for the changeover.			
Program			August 27, 2026			
start	end	duration			Presentation Number	
			Chair:Valerio Tramutoli, Nicola Pergola			
9:30	9:50	0:20	Application of the Electron Density Anomaly Detection (NeAD) Algorithm in Identifying Electromagnetic Precursory Signals to the 2025 Mw 6.9 Cebu Earthquake Using Swarm Satellites		Lalaine Anne Asares(Manila Observatory, Philippines), Ashley Jhane Budduan, Daniel McNamara, SJ, Sherdon Niño Uy, PhD 26-23	
9:50	10:10	0:20	Short-term seismic hazard forecast by Robust Satellite Techniques: recent advances and perspectives		Valerio Tramutoli(University of Basilicata, Italy), Roberto Colonna, Carolina Filizzola, Nicola Genzano, Mariano Lisi, Karan Nayak, Carla Pietrapertosa, Nicola Pergola 26-24	
10:10	10:30	0:20	Invited Integrated multi-sensor satellite observations for submarine volcanoes investigation: case study of the 2022-2024 island forming eruption at Home Reef (Tonga)		Nicola Pergola(Institute of Integrated Methodologies for Earth Observation, Italy), Emanuele Cincia, Alfredo Falconieri, Nicola Genzano, Francesco Marchese, Sandro Martinis, Giuseppe Mazzeo, Simon Plank, Hannes Taubenböck 26-25	
10:30	10:50	0:20	Detection of Pre-eruptive Thermal Anomalies Associated with Magmatic Eruptions Using Himawari-8/9 AHI Data		Keigo Saeki (Chiba University), Chie Yoshino, Katsumi Hattori, Nicola Genzano 26-26	
10:50	11:10	0:20	break		Chair: Makoto Uyeshima, Ryuichi Kanai	
11:10	11:30	0:20	A continuous seven-year GOES-based statistical assessment of potentially seismic-related TIR anomalies over California		R. Colonna (University of Basilicata, Italy), K. Nayak, N. Genzano, I. Mancusi, C. Filizzola, M. Lisi, N. Pergola, V. Tramutoli 26-27	
11:30	11:50	0:20	Invited Tsunami Forecasting Based on Satellite Observation Data and Functional History Matching		Ryuichi Kanai (University of Shizuoka), Masashi Kamogawa, Serge Guillas 26-28	
11:50	12:10	0:20	Observation of Ionospheric Alfvén Resonance at low latitude stations in Odisha, India, using MT data		Debopriya Das(Indian Institute of Technology Kharagpur, India), Sudha Agrahari, Arseny Shlykov, Alexander Saraev 26-29	
12:10	12:30	0:20	Invited The Network-MT survey in the vicinity of area with slow slip events in the the Shikoku and Kyushu Islands, SW Japan		Makoto Uyeshima(the University of Tokyo) 26-30	
12:30	12:50	0:20	Invited Two-dimensional resistivity structure of Taal Volcano (Philippines) derived from magnetotelluric observations after the 2020 eruption		Paul Karson B. Alanis(PHIVOLCS, Philippines), Jerome E. De Lima, Kenneth Jhon M. Remo, Bobby C. Tuprio, Candy Mae A. Fajardo, Franz Josef B. Ticsay, Ma. Antonia V. Bornas 26-31	
12:50	14:05	1:15	Lunch		Chair: Paul Alanis, V. Lapenna	

August 27: Time Table (continued)

14:05	14:25	0:20	Deep Fluid Infiltration Triggers Failure in Stress-Loaded Crust: A Unified Model for Intraplate Earthquakes in the Eastern Tibet	Peihong Wu (Peking University, China), Qinghua Huang, Yan Zhan, Xiaoyu Lou	26-32
14:25	14:45	0:20	The role of Shallow and Deep Electrical Resistivity Tomography (ERT) in supporting the seismic microzonation activities in the Campi Flegrei area (Italy)	V. Lapenna (National Research Council of Italy), S. Piscitelli E. Rizzo, F. Stigliano, on behalf of CNR (IGAG-IMAA) working group	26-33
14:45	15:05	0:20	On dependencies of positioning strategies on the detectability of the pre-slip: a case of Tohoku M9.0 earthquake	Hajime Koike (Kyoto University), Ken Umeno	26-34
15:05	15:25	0:20	Development and Evaluation of an Epicenter Prediction Method Based on Preseismic Crustal Deformation Anomalies Detected by CoRelation Analysis (CRA)	Shoichi Ikeda (Kyoto University), Ken Umeno	26-35
15:25	15:45	0:20	Multidisciplinary Analysis of the Kamchatka Earthquake (2025): From Solar-Terrestrial Triggering to LAIC Cascade Anomalies	Dimitar Ouzounov (Potomac Falls, USA), Sergey Pulinets, Galina Khachikyan	26-36
15:45	16:05	0:20	break		
16:05	17:10	1:05	poster short presentaion (5 minutes each)		
17:10	19:10	2:00	Business meeting		

August 28: Time Table

start	end	duration			Presentation Number
				Chair: J. Y Liu, Masashi Kamogawa	
9:30	9:50	0:20	Invited Evaluation of Plasma Environment Tests and Investigation of Operational Methods for an Electromagnetic Observation Unit	Ryoma Miura (Nihon University), Masashi Kamogawa, Masahiko Yamazaki, Yusei, Honjo, Masaki Naito	26-37
9:50	10:10	0:20	Broadband VLF/LF Interferometry for Seismo-Electromagnetic Studies: Lightning Pulse Removal Using Machine Learning and Direction Finding	Takumi ONO (Chiba University), Yuichiro Ota, Katsumi Hattori, Kenshin Miura, Chie Yoshino, Noriyuki Imazumi	26-38
10:10	10:30	0:20	Ionospheric Magnetic Anomaly Extraction Based on Complex Non-negative Matrix Factorization	Zhang Donghua (Jilin University, China), Zhu Kaiguang, Zhuang Jiancang, Zhang Yiqun	26-39
10:30	10:50	0:20	Multi-Scale Lithosphere-Atmosphere-Ionosphere Precursory Signatures and Their Contribution to a t-DASH System for Seismic Hazard Monitoring	Karan Nayak (University of Basilicata, Italy), Roberto Colonna, Carolina Filizzola, Mariano Lisi, Nicola Genzano, Nicola Pergola, Valerio Tramutoli	26-40
10:50	11:10	0:20	Statistical Assessment of Earthquake Forecasting Skill Using Integrated Ionosonde and ULF Magnetic Observations in Kanto, Japan	Chinatsu Sasanuma (Chiba University), Wenchao, Li, Rui Song, Chie Yoshino, Katsumi Hattori, Jann-Yenq Liu5	26-41
11:10	11:30	0:20	Seismo-Ionospheric Precursors and Seismic/Tsunami Waves of the 29 July 2025 Mw 8.8 Kamchatka Earthquake	Jann-Yenq (Tiger) Liu (National Central University, Taiwan), Yun-Cheng Wen, Fu-Yuan Chang, Tsung-Yu Wu, Katsumi Hattori, Chun-Yen Huang	26-42
11:30	11:50	0:20	Relation between Ionosphere NmF2 and Ground Motion before Noto Peninsula Earthquake	K. Oyama (Kyushu University, Ltd. Asia Space Environment Research Consortium), C.H. Chen, P.K. Rajesh, and S.S. Yang	26-43
11:30	11:55	0:25	closing remarks		