

ERI/SESS Joint Summer School on Solid-Earth Sciences

Exploring the Deep Earth

September 24-25, 2020

Earthquake Research Institute, The University of Tokyo

School of Earth and Space Sciences, Peking University

Sessions I: September 24, 14:00-17:00 (Tokyo), 13:00-16:00 (Beijing)

Sessions II: September 25, 14:00-17:00 (Tokyo), 13:00-16:00 (Beijing)

Online Zoom Meeting:

<https://illinois.zoom.us/j/99547599932?pwd=VmsrOTI2bEliaUVmUXpPQXpKcmk4dz09>

Meeting ID: 995 4759 9932

Password: 391340

Meeting Coordinator: Prof. Zengxi GE (SESS)

Prof. Masa KINOSHITA (ERI)

Agenda (all times Japan Time)

Session I: September 24, 2020

Time	Speaker	Title	Convener
14:00-14:05	Dr. Lifei ZHANG (SESS)	Opening Remarks	Dr. Li ZHAO (SESS)
14:05-14:10	Dr. Kenji SATAKE (ERI)	Opening Remarks	
14:10-14:50	Dr. Yosuke AOKI: (ERI)	Monitoring Active Volcanoes from Geodetic Methods	
14:50-15:30	Dr. Teng WANG (SESS)	Radar Imaging Geodesy: Retrieving 3D Surface Displacement from Space	
15:30-16:10	Dr. Aitaro KATO (ERI)	Generation of Large Earthquakes	
16:10-16:20	Break		
16:20-16:35	Lina YAMAYA (ERI)	Seismic ambient noise tomography applied to dense short-period OBS array of off Ibaraki region	Dr. Zengxi GE (SESS)
16:35-16:50	Naidan YUN (SESS)	Automated Detection of Dynamic Earthquake Triggering Signals by the High-frequency Power Integral Ratio	
16:50-17:05	Yuchen WANG (ERI)	A method of real-time tsunami detection using Ensemble Empirical Mode Decomposition	

Session II: September 25, 2020

Time	Speaker	Title	Convener
14:00-14:40	Dr. Xiaodong SONG (SESS)	Inner Core Super-rotation: Recent Updates	Dr. Jieyuan NING (SESS)
14:40-15:20	Dr. Hikaru IWAMORI (ERI)	Hemispherical Dynamics of the Whole Earth	
15:20-16:00	Dr. Han YUE (SESS)	Toward Resolving High-resolution Rupture Models of Large Earthquakes: Advances in Joint Inversion	
16:00-16:10	Break		
16:10-16:25	Yiran JIANG (SESS)	AI Technology Applied to Geophysics	Dr. Masa KINOSHITA (ERI)
16:25-16:40	Dieno DIBA (ERI)	Resistivity structure of the Mas Crater area of Papandayan Volcano, Indonesia based on magnetotelluric (MT) data	
16:40-16:55	Shenjian ZHANG (SESS)	A New Method for Prompt Elasto-gravitational Signals (PEGS) Modeling.	
17:00	Meeting Adjourn		