

# 【International Symposium on the Centennial of the 1923 Kanto Earthquake】 Program

Date : October 23 (Mon.)-24 (Tue.) , 2023

Place : TAKEDA FRONTIER SCIENCE HALL, 5th Floor, Takeda Building, The University of Tokyo  
(+ with Zoom online streaming )

Language: English

## Day 1 (October 23 Mon.)

13:00-13:15	Opening Remarks	Yuichiro Tanioka (Chair, CCEVPR), Takashi Furumura (Director, ERI University of Tokyo)
13:15-13:50	Past recurrence and future forecast of Kanto earthquakes	Kenji Satake (Univ. Tokyo)
13:50-14:25	Revisiting the 1923 Kanto, Japan, earthquake on its hundredth anniversary – Historical data and comparative subductology	David Wald (USGS)

(20 min break)

14:45-15:20	Source model for the 1923 Kanto earthquake estimated from tsunami and coseismic deformation data	Yuichiro Tanioka (Hokkaido Univ.)
15:20-15:55	Strong ground motion of the 1923 Kanto, Japan earthquake	Saburoh Midorikawa (Tokyo Tech)
15:55-16:30	Century-long geodetic data and its implication for the Kanto earthquake cycle	Takuya Nishimura (Kyoto Univ.)
16:30-16:45	Discussion	
17:30-19:30	Reception (※Social party at Sanjo kaikan 1F)	

## Day 2 (October 24 Tue.)

9:00-9:35	Anatomy of "repeating" great earthquakes and the Kanto earthquake	Hiroo Kanamori (Caltech, online)
9:35-10:10	Slab geometry, earthquakes, and heterogeneous structures beneath the Tokyo metropolitan area	Junichi Nakajima (Tokyo Tech)

(20 min break)

10:30-11:05	Thermal conditions of plate boundary earthquakes beneath Kanto	Ikuko Wada (Univ. Minnesota)
11:05-11:40	Seismic hazard and forecasting for decision making in New Zealand	Matt Gerstenberger (GNS Science)
11:40-12:15	Earthquake triggering: from observations to operational forecasting	Jeanne Hardebeck (USGS)

(※Light lunch at the Foyer of the Hall)

13:15-13:50	Decadal changes in crustal deformation and earthquake potential of the Hayward fault, California	Roland Burgmann (UC Berkeley)
13:50-14:25	Stress accumulation on the plate interface in the Kanto region and rupture scenarios for great thrust-type earthquakes	Akemi Noda (MRI)
14:25-15:00	Slow and fast earthquakes in the Kanto region	Aitaro Kato and Naoki Uchida (Univ. Tokyo)
15:00-15:20	Discussion and concluding remarks	

< information >

• Organized by Coordinating Committee of Earthquake and Volcanic Eruption Prediction Researches,  
Earthquake Research Institute, The University of Tokyo

• Co-organized by Earthquake Research Institute, The University of Tokyo

※ Registration fee is free but you must pre-register.

※ This symposium is for professionals and students but everybody that is interested in the topic is welcome.