

Workshop Agenda: “Earthquake Hazards and Scenarios for Damage Reduction”

December 16, 2019

University of California, Irvine
Room 142 in Rowland Hall

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Time		
11:30-1:00	Kickoff Lunch*	
~1:30	(Coffee & Cookies)	
	Title <i>[click on the TITLE to view abstract]</i>	Speakers
1:30 - 1:40	Mission of the Workshop: Earthquake Hazards and Scenarios for Damage Reduction	Fumiko Tajima
1:40 - 2:00	Recent Destructive Earthquakes: Observed Intensity Distributions vs. Probabilistic Seismic Hazard Map	Takumi Hayashida
2:00 - 2:20	Recent Advancements in Seismic Technologies with Lessons from Past Earthquakes in Japan	Yuji Miyamoto
2:20-2:40	Simulation and Prediction of Strong Ground Motion for Structure Design in Japan	Hidenori Kawabe
2:40 – 3:00	Validation and Utilization of Simulated Ground Motions for Seismic Design and Analysis of Structural System	Jawad Fayaz / Farzin Zareian
3:00-3:15	Coffee Break	
3:15 – 3:35	Lateral Soil Resistance and Reinforcement Effect around Pile Head of Steel Pipe Pile with Wings	Toshio Kobayashi / Yuji Miyamoto
3:35 – 3:55	Countermeasure to Response of Base-Isolated Building during Extremely Large Earthquakes	Ayaka Sato / Yuji Miyamoto
3:55 – 4:15	A Public Health Approach to Reducing Earthquake Risk	Lisa, Grant Ludwig
4:15 – 5:00	Discussion & Summary	All participants

* *Lunch will be at ‘Wedgewood University Club’ with a cost of up to ~\$15
801 E Peltason Dr., Irvine, CA 92617 (866) 966-3009.
Please send an email to LOC for reservation ([ftajima\(at\)uci.edu](mailto:ftajima@uci.edu)).*