



**FIRST WORKSHOP ON
GROUND MOTION SELECTION AND MODIFICATION (GMSM) FOR
NONLINEAR ANALYSIS**

*October 27, 2006
Room 542 Davis Hall,
UC Berkeley*

Agenda

10:00 – 10:10	Introduction	Yousef Bozorgnia
	Session I: GMSM Methods	
10:10 – 10:55	Overview of GMSM Methods	Nico Luco
10:55 – 11:10	$Sa(T_1)$ Scaling	Nilesh Shome
11:10 – 11:25	ATC-63 Selection and Scaling Method	Curt Haselton
11:25 – 11:40	Genetic Algorithm for Selection and Scaling	Arzhang Alimoradi
11:40 – 11:55	Conditional Mean Spectrum for Selection and Scaling	Jack Baker
11:55 – 12:45	Lunch	
12:45 – 1:00	Inelastic Spectral Displacement Scaling	Allin Cornell
1:00 – 1:15	Inelastic Response Surface Scaling	Tom Shantz
1:15 – 1:30	Selection Using Inelastic Spectral Displacement	Jennie Watson-Lamprey
1:30 – 1:45	Inelastic Spectra Scaling and Matching	Yousef Bozorgnia
1:45 – 2:00	Break	
	Session II: Nonlinear Building Models	
2:00 – 2:10	OpenSees Models of Instrumented Buildings	Erol Kalkan
2:10 – 2:25	OpenSees and Drain Models of RC and Generic Buildings	Curt Haselton
2:25 – 2:35	Tall Buildings Initiative	Jack Moehle
2:35 – 2:40	Upcoming Computer Models of Tall Buildings	Tony Yang
	Session III: Evaluation Process & Future Issues	
2:40 – 3:25	A Platform for Evaluation of GMSM Methods	Jennie Watson-Lamprey
3:25 – 3:35	Future Issues	Yousef Bozorgnia
3:35 – 4:00	Open Discussions	
4:00	Adjourn	