



CE229

STRUCTURAL & SYSTEM RELIABILITY

RELIABILITY SYMPOSIUM PRESENTATIONS BY STUDENTS IN CE229

Tuesday May 19, 2009
9AM – 3PM, 406 Davis
Refreshments will be served

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|----------------------|--|
| 9:10 – 9:30 | <i>Introduction</i> , Armen Der Kiureghian |
| 9:30 – 9:50 | <i>Reliability of precast concrete cladding connections in multistory buildings</i> , Jeffrey Hunt |
| 9:50 – 10:10 | <i>Reliability Analysis of Adjacent Buildings Subject to Seismic Pounding</i> , Mayssa Dabaghi |
| 10:10 – 10:30 | <i>Effect of isolator behavior on performance indices taking into account the distribution of isolator properties</i> , Tracy Becker |
| 10:30 – 10:50 | <i>Bayesian networks as a tool for structural system reliability evaluation and updating</i> , Jyothi Krishnan |
| 10:50 – 11:10 | <i>Review of optimal discretization of random fields and application using FERUM</i> , Koki Sagiyaama |
| 11:10 – 11:30 | <i>Probabilistic models for the diagnosis of Parkinson's disease</i> , Iris Tien |
| 11:30 – 13:00 | Break |
| 13:00 – 13:20 | <i>Reliability analysis of a rocking core wall system for tall buildings using a second-order response surface approach</i> , Greg Nielson |
| 13:20 – 13:40 | <i>Comparing 2000 IBC and 1997 UBC code based on Structure Reliability Concept</i> , Su Min Hwang |
| 13:40 – 14:00 | <i>Reliability analysis of a shared tuned mass damper</i> , Pison Olivier |
| 14:00 – 14:20 | <i>Study of Metallic and Fluid Viscous Dampers</i> , M. Vu Hong |
| 14:20 – 14:40 | <i>Application of reliability methods and the Yucca Mountain Repository</i> , James Lew |
| 14:40 – 15:00 | <i>Reliability based optimization of a stiffened panel</i> , Martin Petricic |