

# Rockfall Analysis and Mitigation Symposium

California Polytechnic State University – San Luis Obispo

Tuesday July 10, 2007

A symposium is planned related to the topics of rock slope stability engineering and rockfalls. Lectures are planned by two experts:



## LECTURES

**Dr. Senro Kuraoka (Senior Researcher at Research and Development Center Nippon Koei. Co. Ltd. – Tokyo, Japan)**

Dr. Kuraoka will discuss Rockfall problems in Japan, examples of field monitoring and numerical simulation of rock slope engineering, evaluation and mitigation measures for rockfalls, examples of rockfall field tests and numerical simulation (Discrete Element Method), and recent developments using three-dimensional numerical simulations.

**John Duffy (Senior Engineering Geologist at Caltrans)**

John Duffy will present rockfall problems in California, strategies for mitigation of rockfall used by Caltrans, experimental field tests for rockfalls, and performance of numerous mitigation techniques.

## FIELD TRIP

In addition, a field trip is planned to view and discuss rockfall mitigation techniques used by Caltrans at a local rock slope adjacent to a freeway. An attempt is being made to identify a location for conducting rockfall tests (rolling boulders down a slope) for evaluating the validity of numerical predictions. These field tests are a tentative portion of the program.

The Rockfall Symposium is Co-sponsored by:



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**Schedule for the symposium:**

8:15 a.m.	Continental Breakfast
9:00 a.m.	Presentation by Dr. Senro Kuraoka
10:10 a.m.	Coffee Break
10:30 a.m.	Presentation by John Duffy
11:45 a.m. - 1:00 p.m.	Lunch
1:00 - 4:30 p.m.	Field Trip

The breakfast will include a variety of artisan breads and cheeses, sweet rolls, coffee, and juice. The lunch will include chicken kabob with rice, seasonal vegetables, salad, and dessert.

**DRIVING DIRECTIONS**

The morning session and lunch will be held at the Advanced Technology Laboratory (ATL) on the Cal Poly campus. Metered parking is available near the facility. Easiest route: enter campus from HWY 1 entrance (take Highland Rd. into campus). Pass under railroad tracks and through California Blvd. intersection. Take right on University Dr., pull into lot on right. After parking in metered stall (2 hour meters is the maximum), walk through the mall between 2 new buildings (in direction back towards HWY 1) to the ATL Building (Building No. 7). Further details can be provided as the event approaches. Details for the field trip will be provided at the symposium.

**RSVP**

Robert Urban, President of AEG, is handling registration for the event. Please RSVP to Robert by July 5 (earlier RSVP is preferred if possible). Please indicate whether you intend to register for the entire program (including meals and refreshments) or just the lectures.

Robert can be reached at:

E-mail: [robert\\_urban@urscorp.com](mailto:robert_urban@urscorp.com)

Tel: 805-720-0366