



**Thursday,
February 16, 2012
6:30 - 8:00 pm
Cost: FREE**

Location:

**Sacramento State Campus
Del Norte Hall Building
(Old Bookstore) Rm #1004**

**FREE Pizza and soda will be
served from 5:30 - 6:25 PM
RSVP required online at:**

<http://asce-sfobb-feb16.eventbrite.com>

Seating limited to 224

ASCE Food Sponsors:

**Sacramento YMF
Capital Branch
Sacramento Section**

Free PECG Movie Raffle:

***Bridge So Far,
A Suspense Story
A Span in Time,
with Max Tabloid***

www.pecg.org

Presenters:

**HNTB
Smith-Emery Company
Caltrans**

Parking Fees:

**Attendees can purchase a \$6
parking pass at various permit
machines in the parking lots that
are good for more than 2 hours.**

Maps:

**Sacramento State campus maps
with parking lots and building
locations can be found through
the following link:**

<http://www.csus.edu/campusmap/>

San Francisco-Oakland Bay Bridge Project

TECHNICAL PRESENTATION

hosted by the
2013 Orthotropic Bridge Conference Committee

www.orthotropic-bridge.org



The Self-Anchored Suspension Bridge Segment of the San Francisco-Oakland Bay Bridge (SFOBB) East Spans of the Seismic Safety Project continues to advance their work of steel erection in Oakland as they have received all major fabricated steel components from China. **Dr. Brian Maroney** and **Karen Wang** will present the uniqueness of this bridge with the design elements and the complex nature of the construction and steel fabrication involved. They will discuss how quality is driven as a main element throughout the entire steel fabrication and erection process. This will be further demonstrated by Smith-Emery Company Lead Inspector, **Leonard Cross**, who will discuss and show the technology currently used on the bridge during weld inspections. They will also present the current status of the project as they strive towards a bridge opening of 2013. For more information related to the Bay Bridge, visit <http://baybridgeinfo.org/>.

Dr. Brian Maroney is a Civil PE with over 25 years experience in Bridge Design, Earthquake Engineering, Construction and Project Management. He is employed by Caltrans and currently the Principal Bridge Engineer & Deputy Toll Bridge PM overseeing all aspects of the design for the Toll Bridge Program.



Karen Wang is a Civil PE with over 10 years at HNTB, and a member of HNTB's Program Management Team on the East Span of the SFOBB Project. She is currently working on the Self-Anchored Suspension Bridge involving management of all issues related to the orthotropic box girders, and is bringing together an expert seismic safety peer review panel and expert welding panel and leading them through an oversight process of the steel fabrication completed in China.

Leonard Cross is the Lead Inspector for Smith-Emery Company, a sub to American Bridge/Fluor JV on the Bay Bridge Project. Smith-Emery Company performs the inspection and testing for structural steel of the SFOBB SAS project. He will present a demonstration on two types of non-destructive testing performed on welds similar to those placed on the SAS steel structure. These include Magnetic Particle Testing and Ultrasonic Testing.