

# NEWSLETTER



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## JANUARY MEETING: VENDOR SHOW



**New location!**

The annual vendor show will be held at the DoubleTree Ontario Airport, located at 222 N. Vineyard Avenue.

This location is across the street from the Bombay Indian restaurant where RSBITE holds its annual student paper competition.



**Raffle!**

RSBITE will raffle an *iPad Mini* as the grand prize.

**Visit all vendors' booths** to be eligible for a drawing to win a **Samsung Galaxy Tab II (7")**.

Turn in your form with the signature of every vendor to be eligible for the drawing. Need not be present to win.

Pre-register for lunch via Eventbrite:  
<http://www.eventbrite.com/event/5092872920>

**Thank you to Tomar Electronics** who have agreed to sponsor the name badges for pre-registered luncheon attendees.

### Luncheon Presentation: *Development of an Inductive Loop Detector for Bicycles*

*Ron Keith, Orange County Transportation Authority; and Thomas Potter, Reno A&E*

With the passage of AB 1581 and the subsequent Caltrans directive 09-06, the detection of bicycles and motorcycles became a requirement of traffic signal operations. Mr. Keith and Mr. Potter will

present the design, evaluation and refinement of an inductive loop design that will detect bicycles, even light-weight carbon fiber models; that practitioners can deploy today.

***Please see Page 4 for a list of vendors who will have booths at the vendor show!***

**Schedule:**

- 9:00—3:00 Vendor Hall Open
- 9:00—11:00 Continental Breakfast (*sponsored by Counts Unlimited*)
- 11:30—1:00 Luncheon in the Vendor Hall
- 12:30—1:00 Luncheon speaker and raffle

**Cost:**

- No cost to browse exhibit hall
- Lunch: \$10 for students, \$15 for public agency members, \$30 for all others
- +\$5 for walk-ins (or reserving after January 14)

**Menu:**

Oven roasted chicken (*contact us for vegetarian option*)

**Link to RSVP for luncheon:**

<http://www.eventbrite.com/event/5092872920>



**Doubletree Ontario Airport**  
222 N Vineyard Ave  
Ontario, CA

## January 2013

Su	Mo	Tu	We	Th	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

## 2012-2013 RSBITE SECTION OFFICERS

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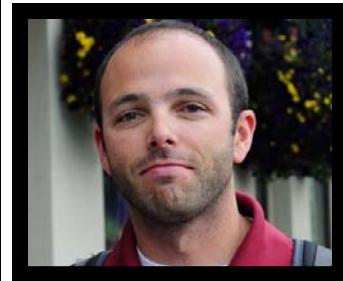
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### RSBITE 50TH ANNIVERSARY CELEBRATION UPDATE

Ticket purchasing is now open! Please visit:

<http://www.eventbrite.com/event/5025056078>

We are also looking for sponsors at various levels; please contact me for more information. Please also visit our booth at this month's vendor show to ask questions and sign up to attend.

**Location:** The Ontario Airport Hilton  
700 North Haven Avenue  
(909) 980-0400

**Date:** Friday, April 19

I may be reached at:

awag007@yahoo.com  
(951) 536-4722

*Anwar Wagdy, P.E.  
50<sup>th</sup> Anniversary Chair*



*Anwar Wagdy*

## 2012-2013 RSBITE SECTION CHAIRS

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# SCRIBE'S REPORT

Our section's most recent luncheon was held on November 14 at the Restaurant at Kellogg Ranch, Cal Poly Pomona, and was held jointly with the Southern California Section. There were nearly sixty people who attended between both sections.

The featured speaker was Ray Lau, P.E., who is a Transportation Engineer for the City of Los Angeles Department of Transportation. The topic presented to us was, "Mission Endeavour - Welcome Home," about transporting the space shuttle Endeavor from the Los Angeles International Airport to the California Science Center in Los Angeles.

Endeavor began its ground journey to the California Science Center at sunrise on October 12. A three-phase course had been developed to safely and carefully transport Endeavor through the city streets of Los Angeles. The first

phase transported Endeavor from LAX to Inglewood. Crowds were minimal for this phase and Endeavor arrived one hour ahead of schedule. The second phase covered the stretch from Inglewood to Crenshaw, which saw spectator increases and arrival eight hours behind schedule. The third phase transported the Endeavor from Crenshaw to its final destination at the California Science Center. The journey, scheduled for two days, ultimately required an extra day to complete. The journey of 10 miles was completed at speeds no higher than two miles per hour.

Endeavor was being transported by a remote controlled wheel base mechanism. The wheel base narrowed when needed to make tight turns and expanded to drive over concrete median islands. Many steel plates were laid out to pass over sensitive vaults and trees were trimmed or removed when necessary. A total of 48 traffic signal mast arms, 67 signals, and 179 signs



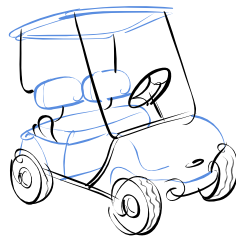
Attendees of the November meeting at Cal Poly Pomona

were temporarily removed and replaced during Endeavor's transport by LADOT maintenance staff.

Gianfranco Laurie  
RSBITE Section Scribe

## GOLF TOURNAMENT

The annual RSBITE golf tournament will be held at Menifee Lakes Country Club on Friday, March 22. Please see the flier provided with this newsletter (as a separate attachment) for the sign-up sheet. Why wait? Get your foursome signed up right away!



How residents of Menifee Lakes perceive our golfing skills (from golfjokes.co.uk)

## DECEMBER SOCIAL EVENT WITH ASCE YMF

On December 5, RSBITE and the American Society of Civil Engineer's local chapter younger member forum (YMF) met up to bowl in Rancho Cucamonga. Although turnout was light, that in no way diminished the enjoyment of the evening.



### 2013 RSBITE Vendor Show

Please come to this month's vendor show to see the following companies represented and more:

To sponsor a future newsletter, please contact any Board member.



#### JOB ANNOUNCEMENTS

Place your openings here for \$1.00 per word or \$125 for a quarter-page graphic (6" wide by 2.5" high). The deadline for submissions is the end of the calendar month to obtain placement in the following month's newsletter.



### A special thanks to:

Tomar Electronics for sponsoring name badges  
Counts Unlimited for sponsoring the continental breakfast station