

February Presentation: ITS and Safety—Who Has Vision Zero with ITS

Connected Vehicle Technology is Imperative for Safety: Let Me Explain Why
Mr. Bryan Mulligan, President, Applied Information Inc.

Video Analytics towards Vision Zero
Mr. Daniel Lai, Senior ITS Engineer, City of Bellevue, Washington

Applying Technology to Improve Safety
Mr. Dennis Mitchell, DKS Associates

Safety Applications for Application-based Bicycle Detection
Mr. Cesar Romo, Traffic Signal System Administrator, City of Santa Clarita
Mr. Brian Fuller, Vice President, Engineering, Sensys Networks, Inc.

Moderator: Ms. Eva Pan Moon, LA Metro

At this month’s Joint Meeting between OCTEC and ITS CA, **Eva Pan Moon of LA Metro** will lead a discussion with a panel of speakers representing local agencies on current ITS safety technologies and solutions that are planned for programmed nationally.



Eva Pan Moon

Speak Bios

Bryan Mulligan is the President and Founder of Applied Information, which he established in 2011 to meet the need for a technology company that can apply the new wireless, Internet-of-Things, cloud computing and connected vehicle technologies into modern solutions for the transportation sector. Applied Information has established technologies in multiple sectors in transportation, including intersection management, connected vehicle priority/preemption systems, pedestrian safety, mobile data acquisition, parking and ITS management. More recently Bryan had led the way in successful smart city and connected vehicle deployments.



Bryan Mulligan

Daniel Lai is a Senior ITS Engineer with the City of Bellevue. Daniel has over 10 years of experience in ITS planning, design, and operations throughout the nation. In addition to operating and maintaining existing ITS systems such as Bellevue’s citywide adaptive signal control system, he is responsible for planning and implementing ITS and emerging technologies as part of the city’s Smart Mobility Plan. Daniel was the key author of the plan which outlines the city’s implementation strategy on Autonomous, Connected, Electric and Shared vehicles, as well as Data Management, Traveler Information and traditional ITS strategies. Daniel is also involved in advancing public-private technology partnerships in Bellevue to accomplish the goals and visions in the Smart Mobility Plan. Beyond his role at the City of Bellevue, Daniel is also serves as President for ITE Washington State Section.



Daniel Lai, PE

Dennis Mitchell is a transportation engineer with over 34 years’ experience leading transportation projects for public agencies. Prior to joining DKS, Dennis was the Region 1 Traffic

Continued on next page.

February Joint Meeting with
ITS Southern CA

February 28, 2019

11:30 AM to 1:00 PM

Orange County Mining Co
10000 S Crawford Cyn Rd
Orange, CA 92705

Lunch Fees:

- Member (by 2/17 5 PM): \$20
- Non-Member (by 2/17 5 PM): \$25
- Student (by 2/17 5 PM): \$10
- Pay at the Door: \$30

Please register via Eventbrite at:

<https://octec-itsca-feb2019.eventbrite.com>

If you have any questions, please contact
Olga Polunin, at
opolunin@aimtd.com

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SPEAKER BIOS (continued)

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Engineer with the Oregon Department of Transportation (ODOT). With this agency experience, he brings expertise in leading and directing the technical aspect of traffic investigations, design and operations including the development, evaluation and deployment of new technology related to traffic engineering and intelligent ITS.



Dennis Mitchell, PE



Cesar Romo

Cesar Romo has over 17 years experience working in traffic signal operations and maintenance with the last 15 years at the City of Santa Clarita. As a Traffic Signal System Administrator, Mr. Romo is responsible for signal operations, maintenance, intelligent transportation system, Traffic Operation Center (TOC) management and the City's fiber optic network. One of his biggest accomplishments since

joining the City is the development and implementation of an Intelligent Transportation System (ITS) that includes Traffic Operations Center, Backup Traffic Operations Center, adaptive traffic control system, video management system, automated turning movement count system, performance measurement systems, travel time system, battery backup and monitoring systems, CCTVs, fiber optic communication and advanced system detection.

Brian Fuller has over 25 years of product design and development experience in networking and transportation. Prior to joining Sensys Networks, Brian was Director of Engineering at GoDigital Networks, managing the extensive growth of the company's xDSL technologies while designing patented systems for their broadband access products. Brian started his career with Lockheed Missiles and Space before going on to hold both technical and managerial responsibilities at a number of rapidly growing companies developing innovative technologies and products. Brian received a B.Sc. in Electrical Engineering from Penn State University.

LOCAL, REGIONAL & NATIONAL NEWS

OCTA Board Sets Transportation Vision for 2019

Orange County Transportation Authority Chairman Tim Shaw today announced the OCTA board's strategic initiatives for 2019, focused on improving the regional transportation network by delivering capital projects, offering modern transit solutions and emphasizing fiscal responsibility. The six initiatives act as a guide for the upcoming year and each outline specific projects that are targeted for completion by the end of 2019. [\[Continue here\]](#)

Orange County Plans a Four-Mile Parking-Protected Bike Lane

Reduced traffic speeds and a progressive bicycle lane looks to be coming to North Orange County.

Last week in Westminster, Orange County officials presented a proposal to reduce travel lanes and add a parking-protected bike lane on a four-mile stretch of Hazard Avenue, which connects Garden Grove, Santa Ana, and Westminster. The majority of the \$3.5 million project is expected to start construction in 2020, with one mile on the easternmost portion beginning construction in 2019. [\[Continue here\]](#)

LA drivers face nation's fifth-worst traffic, says report

Los Angeles drivers spent, on average, 128 hours stuck in traffic last year, according to a new report from transportation data tracker INRIX. Those lengthy delays helped to make LA the fifth most congested city in the U.S., by the company's metrics.

Two years ago, Los Angeles topped a similar list released by INRIX, but the company has updated its ranking process since then and now finds that the cost and length of delays is worse in other traffic-clogged urban areas. In the current ranking, Boston; Washington, D.C.; Chicago; and New York all beat out LA's traffic during peak commuting hours. [\[Continue here\]](#)

US Dept. of Transportation cancels nearly \$1 billion grant for California's high-speed rail project

The US Department of Transportation announced Tuesday it is canceling \$929 million in grant funds for California's high-speed rail system, escalating the Trump administration's efforts to regain all the federal money for the canceled rail project.

If built, the high-speed rail system would have run from San Francisco to Los Angeles. The department added in a statement that it "is actively exploring every legal option to seek the return from California of \$2.5 billion in Federal funds (Federal Railroad Administration) previously granted for this now-defunct project." [\[Continue here\]](#)

California Autobahn? Orange County state Senator proposes speed-limit-free lanes to replace high-speed rail project

For Californians who dream of driving at top speeds, a new state bill could provide their fix: four speed-limit-free highway lanes, similar to Germany's Autobahn, which would allow motorists to zoom up and down the state as fast as they want without penalty.

The plan – introduced last week by Orange County State Sen. John Moorlach (R-Costa Mesa) in State Bill 319 – would add no-speed-limit lanes to Interstate 5 and State Route 99, serving as an alternative to California's high-speed rail project, which been plagued with delays and cost overruns. [\[Continue here\]](#)

States May Forfeit \$1 Billion in Biking and Walking Funding

States across the country are at risk of forfeiting up to \$1 billion in funding for sidewalk construction, bike trails or other important safety projects — if they don't use all the federal cash by September, according to the League of American Bicyclists. [\[Continue here\]](#)

JOB ANNOUNCEMENTS

Albert Grover & Associates (AGA), a traffic engineering consulting firm in Fullerton, is seeking a Marketing/Project Development Professional experienced in proposal writing, report writing, presentations, preparing brochures/statement of qualifications, assisting in interview preparation, update existing website, etc.

Position Requirements

- BA Degree
- Minimum of 3 years of writing experience in the Transportation Field
- Excellent writing, editing, proofreading skills
- Proficiency in Microsoft Office Software (Word, Excel, PowerPoint) and Graphic Design Software

Please email your resume to natali@albertgrover.com or call 714-992-2990 if you have any questions.

Please contact [Vikas Sharma](#) or any Board member if you have any job listings that you would like posted to the OCTEC website or included in the next month's OCTEC newsletter.

Visit our [WEBSITE](#) for the latest job posts, newsletters, and presentations from current and past meetings.

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2019 OCTEC MEMBERSHIP DRIVE

Renew your 2019 Membership

Members enjoy discounted tickets to events.

Join via Eventbrite:

<https://2019octecmembership.eventbrite.com>

Please contact opolunin@aimtd.com or any Board member for more information.

OCTEC ANNOUNCEMENT

2019 SPRING SOCIAL

Wednesday March 6, 2019 5:30—8:30 PM

Dave & Buster's (located in The Outlets at Orange)

PreSale \$7 | At-the-door \$10

[Register Here](#)

- Price includes entry, 1 drink, appetizers, 1 raffle ticket and free pool and shuffle board.
 - Bring a potential new member and receive 2 additional raffle tickets.
 - Raffle tickets will also be sold for \$1 each at the door.

We are looking for raffle prize sponsors
Please contact Olga Polunin at opolunin@aimtd.com

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We create connections that take people and goods from here to there—whether by car, bus, train, plane, or their own two feet. Working within the context of the communities we serve, we provide planning, engineering, and infrastructure management services that fit the needs of our clients and improve the overall traveler experience. From traffic engineering and transportation planning projects to autonomous vehicles, transit systems, and airport design, our focus is always on providing solutions that respect the local environment.



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Irvine Office 949.923.6000

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OCTEC would like to give a special thanks to all of our generous sponsors!

Meeting Date

Newsletter Sponsors

Lunch/Meeting Sponsors

September 27, 2018

DDL Traffic
Albert Grover & Associates



October 25, 2018
Joint Meeting – ITE SoCal

Kimley-Horn and Associates, Inc.

December 5, 2018

OCTEC/ITE SoCal/RSBITE Holiday Mixer

January 24, 2019

Advantec Consulting Engineers
Econolite



February 28, 2019

Iteris
Stantec



March 28, 2019

TrafficCast International
RailPros



April 25, 2019

Counts Unlimited
<2nd Sponsorship Available>



May 3, 2019
May 15, 2019

OCTEC Golf Tournament
SoCal ITE/OCTEC Student Chapter Night

<Sponsorships Available>

June 27, 2019

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For more information and sponsorship opportunities, please contact Olga Polunin at (714) 253-7888 or opolunin@aimtd.com

OCTEC 2018 -2019 Officers



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ANNUAL



GOLF TOURNAMENT

FRIDAY, MAY 3, 2019

BEST BALL SCRAMBLE

SHOTGUN START AT 8:00 AM

REPORT IN BY 7:30 AM

GREEN RIVER GOLF CLUB

5215 GREEN RIVER ROAD, CORONA, CA

91 Freeway off at Green River Road

Telephone (951) 737-7393 or (714) 970-8411

Please Dress Appropriately, No Denim or Tank Tops

\$90.00 ENTRY FEE INCLUDES CART

GRAB 'n Go BREAKFAST & BUFFET LUNCH

PLEASE HAVE ENTRIES IN PRIOR TO MONDAY, APRIL 26, 2019

***** MAIL ENTRIES TO: Ron Keith *****

C/o OCTA

600 S. Main Street

Room 235

Orange, CA 92868

Telephone (714) 560-5990

rkeith@octa.net

***** MAKE CHECKS PAYABLE TO: O.C.T.E.C. *****

<u>NAMES</u>	<u>AGENCY OR COMPANY</u>	<u>PHONE</u>

Please print clearly and provide e-mail address for each player if possible.
Pay on-line (includes fee) to Eventbrite: <http://octec-golf2019.eventbrite.com>



ANNUAL

OCTEC / ITE GOLF TOURNAMENT

FRIDAY – MAY 3, 2019

**Hole Sponsorship Form - ONLY
GREEN RIVER GOLF CLUB**

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91 Freeway off at Green River Road

Telephone (951) 737 – 7393 or (714) 970 – 8411

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PLEASE HAVE FEES AND ARTWORK to RON KEITH BY
APRIL 10**

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Special Amounts		Lunch Sponsor Amount		Breakfast Grab 'n Go Amount:			

Pay on the internet with fee at:

<https://octec-Golf2019.eventbrite.com>

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C/o OCTA

600 S. Main Street - Orange, CA 92868

Telephone (714) 560 – 5990

rkeith@octa.net

*** MAKE CHECKS PAYABLE TO: OCTEC ***

Please Notate Check for Annual OCTEC Golf Tournament May 3, 2019