

**Registration Information**

Return the registration form along with your check or PO made payable to ITE/IMSA Spring Conference to:

Dan Hartig  
Ayres Associates  
1500 N. Priest Drive, Suite 107  
Tempe, AZ 85281  
Phone: 602-275-2655 Fax: 602-275-2252  
Email: hartigd@ayresassociates.com

Early Registration Cut-off is February 26th

For additional information, contact:

Conference Chair  
Kim Konte - 602-538-7194  
kim@leotek.com  
or  
Dave Sabers - 602-333-2386  
dsabersdave@stanleygroup.com



**Social Activities**

**Tuesday, March 2nd**  
11:00 am Golf at Starfire at Scottsdale Country Club  
11500 N. Hayden Road  
Scottsdale, Arizona  
480-948-6000  
3:00 pm Tennis at Gold Key Racquet Club  
12826 N. 3rd Street  
Phoenix, Arizona  
**Wednesday, March 3rd**  
5:00 pm Dinner/Casino Night  
7:00 pm

Be sure to visit the latest products in the vendor areas!!!

ITE/IMSA Spring Conference  
c/o Dan Hartig  
Ayres Associates  
1500 N. Priest Drive  
Suite 107  
Tempe, AZ 85281



Don't miss this year's conference!!!

# 2010 ARIZONA SPRING CONFERENCE

Making the Most of Limited Resources



**March 2 - 4, 2010**

Black Canyon  
Conference Center  
9440 North 25th Avenue  
Phoenix, Arizona  
602-644-0569



**ARIZONA**  
Institute of  
Transportation Engineers  
International Municipal  
Signal Association

**REGISTRATION OPTIONS: (please check appropriate box)**

1. **Complete Package.** (One person, 2 days) includes lunch each day, 2 tickets for dinner, and a registration gift ..... on or before Feb. 26 \$200
  2. **Student Package.** (Must be full-time student) ..... after Feb. 26 \$250
  4. **Additional Lunch Tickets.** Specify day: W TH \$50  \$25
  5. **Golf Tournament.** Green fees, cart, lunch .... \$95  \$495
  6. **Tennis Tournament** ..... \$25  (register with Dave French, 602-371-1100)
  7. **Vendor/Consultant Display - 1st booth.** (includes 2 complete packages) ..... \$650
  8. **Vendor/Consultant Display (One additional booth)** (includes 1 complete package) ..... \$450
  9. **Vendor/Consultant Advertising Space** ..... \$100  \$200
  10. **Golf Hole Sponsor** \$100  \$150  \$200
- contact Tom McGovern, 602 684-8040 regarding options.  
(Register with Tom McGovern, 602 684-8040 by Feb. 19th)

**PAYMENT OPTIONS (please check appropriate box)**

- Check enclosed  P.O. Enclosed
- Check to follow  P.O. to follow

No Credit Cards

Cut Here

Name \_\_\_\_\_

Address \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ FAX \_\_\_\_\_

Employer \_\_\_\_\_

First name preferred on name tag \_\_\_\_\_

Will you attend the dinner/casino night? Yes  No

Will you bring a guest? Yes  No

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# Conference Organizations

## Institute of Transportation Engineers

The Institute of Transportation Engineers (ITE) is an international educational and scientific association of transportation professionals who are responsible for meeting mobility and safety needs.



The Arizona Section of the Institute of Transportation Engineers is a society of transportation professionals collectively engaged in the development of multimodal transportation systems that address current and future transportation needs of communities in Arizona. Monthly lunch meetings are held on the fourth

Thursday, except in July and August, at a location in the Phoenix metro area. Upcoming meeting announcements are posted on the Section website.

The Southern Arizona chapter

(SAITE) of the Arizona Section was chartered in November 2000. The purpose of SAITE is to provide a forum for ITE members in southern Arizona to network, share knowledge, and advance the greater objectives of ITE. The Southern Arizona Chapter encompasses members in Pima County, Cochise County, Santa Cruz County, Graham County, and Greenlee County. SAITE meets the third Friday of each month for lunch. There are ITE student chapters at NAU, ASU and U of A.



To learn more about the Arizona Section of ITE visit:

[www.azite.org](http://www.azite.org)

## International Municipal Signal Association

The International Municipal Signal Association (ISMA) objectives are to improve the efficiency, installation, construction, and maintenance of Public Safety equipment and systems by increasing the knowledge of its members.

ISMA, working closely with the ISMA Educational Foundation, began certification of individuals involved with various public safety activities in 1982. Today over 70,000 individuals have attained ISMA certification in their field of public safety which includes Traffic Signals, Signs and Markings, Work Zone Traffic Control, Municipal and Interior Fire Alarm systems, Public Safety Dispatcher and Flagging.

The Arizona Section of ISMA is active in the certification process and sponsors certification training in many of the fields of practice. Certification provides an entry into many job assignments that otherwise would be difficult to obtain, since employers recognize certification as an indication of the individual's ability to do specific job tasks without the need for on-the-job training. Visit the Arizona section website for more information.



For additional information on ISMA in Arizona visit:

[www.arizona.imsasafety.org](http://www.arizona.imsasafety.org)

## 2010 ITE/ISMA Spring Conference Preliminary Program

TIME	SESSION A ARIZONA ROOM	SESSION B BOULDER ROOM	SESSION C HORSESHOE ROOM	SESSION D JOSHUA TREE ROOM
WEDNESDAY MARCH 3, 2010				
7:30-9:00 AM		Registration & Vendor Displays		
9:00-9:15 AM		Call to Order		
9:15-10:00 AM		<b>What Could the Future of Funding Look Like?</b> - John Hallikowski - ADOT Director		
10:00-10:30 AM		Break & Vendor Displays		
10:30 AM - 12:00 PM	<b>1A - TRAFFIC SIGNALS</b> - Paul Porell (City of Scottsdale) The Green Advantage of Video Detection Vs. In Ground Loops - Lewis Roberts (Iteris) History of Wireless Communications - Pat McGrevey (City of Phoenix) Wireless Communications - Frank Neuperger (Simrex Corp)	<b>1B - ITS WARRANTS AND INNOVATION</b> - Scott Nodas (ADOT) Tucson Regional Traffic Control Center - Richard Nassi (ITS Engineers) Warrants for ITS Devices - Dean Dieter (Athey Creek Consultants) IntelliDrive - Arizona Perspective - Faisal Saleem (MCDOT) IntelliDrive - National Perspective - Greg Krueger (Michigan DOT)	<b>1C - GREEN DESIGN</b> - Jon Froke (Arizona Chapter American Planning Association) City of Tempe East Valley Bus Operations and Maintenance Facility - Robert Yabes (Tempe), Ken Anderson (RNL Design) Solar Arrays Located in Public ROW - Kirby Spitzer (The Commons Project) Green ITS Solutions - Trisha Reedan (McCain)	<b>1D - SIGNING</b> - Raul Amavisca (ADOT) City of Phoenix Sign Inventory Project - Tim Gibson (3M) ABC's of Meeting the FHWA Minimum Reflectivity - Mike Haley (TAPCO) Cartograph Sign Maintenance - Judy Joll (Cartograph)
12:00-1:30 PM	<b>2A - BIG ROADS - BIG IDEAS</b> - Alan Hansen (FHWA) Active Traffic Management in the UK - Before/After Conditions on the M42 - Joel Marcuson (Jacobs Engineering) 202 Design-Build - Annette Riley (ADOT/TPM), Allen Mills (Kiewit-Sundt) 303 Project Overview - Steve Beasley (ADOT Valley Project Management)	<b>2B - HUMAN FACTORS IN SAFETY</b> - Eugene Wilson (University of Wyoming) Evaluations of HAWK and Stutter Flash Pedestrian Beacon in the City of Phoenix - Mike Cynecki (City of Phoenix) Cell Phone Use - Distraction When Driving - Mike Kuzel (Exponent) Zero Fatalities - A Goal We Can All Live With - Mike Manthey (ADOT)	<b>2C - ALTERNATIVE CORRIDOR DESIGN ROUNDTABLE</b> - Mohammad Rehman (CK Group) Bob Hazlett - MAG (MPO Perspective) Bob Maki - Surprise (Michigan Pkwy Perspective) Bob Spears - Tartesso (Developer's Perspective) Dan Marum - Wilson & Co. (Planning Consultant) Rodney Graag - AECOM (Engineering Consultant) Tim Oliver - MCDOT (Agency Perspective)	<b>2D - THE LATEST IN LIGHTING</b> - Luke Albert (City of Goodyear) LED Lighting for Illuminated Street Name Signs - Wade Williams (Wright Engineering) LED Streetlighting Technologies - Chris Nye (Leotek) Induction Lighting for Streetlights - Jason Tenko (Tenko Lighting)
1:30-3:00 PM				
3:00-3:30 PM	<b>3A - GET ON TRACK</b> - Richard Nassi (ITS Engineers) Phoenix Light Rail Collision Study - Yung Koprowski (Lee Engineering) Transit Oriented Development and Parking Case Study - Dwight Schock (Michael Baker) Light Rail Update - Wulf Grote (METRO)	<b>3B - "VIDEO" OVER IP</b> - Ron Amaya (City of Peoria) ITS Digital IP Multi-Cast Video Integration for Traffic Surveillance - Mark Shulting (Express Supply) Conversion of Analog Video Transmission Systems to IP - Mike Girton (Optelecom)	<b>3C - IS MY STREET COMPLETE?</b> - Michael Sanders (ADOT) Bicycle Detection and Timing - The California Mandate - Lewis Roberts (Iteris) Complete Streets - Leslie Dornfield (EDAW/AECOM), Maureen DeCindis (MAG) Camelback Crossing Pedestrian Underpass - Angela Dye (A Dye Design)	<b>3D - OUT OF THE BOX</b> - Tim Tate (ADOT) Texas U-Turn - Beardley Connector to Loop 101 - Chris Kmetty (City of Peoria) Phoenix Chapter of Engineers Without Borders - Jesse Light and Grant Sharpe (Engineers Without Borders) Social Media and Public Involvement - Ken Mobley (Michael Baker)
3:30-5:00 PM				
5:00-7:00 PM		Social Gathering & Dinner / Casino Night		
THURSDAY MARCH 4, 2010				
7:30-8:30 AM	<b>4A - GROUNDING PRACTICES</b> - Gus Woodman (City of Avondale) Grounding Practices for Traffic Control Systems - Alan Rebeck (RO Associates)	<b>4B - MANAGING YOUR STREETS AND FREEWAYS</b> - Greg Krueger (Michigan DOT) Traffic Signal Adaptive Control - Barry Matak (Sensys Networks) Evaluation of Video Detection at Signalized Intersections - Edward Smaglik (NAU) Tucson FMS - Jon Lovell (ADOT)	<b>4C - HITTING THE BOOKS</b> - Richard Moerer (ADOT) MUTCD Update - Karen King (FHWA) Highway Safety Manual - Kohinor Kar (ADOT) ITE/ISMA Traffic Signal Maintenance Guide - Gus Woodman (City of Avondale)	<b>4D - WORK ZONE - NEED TO KNOW</b> - Scott Orrahood (ADOT Traffic) Caution: Work Zone Ahead! - Andrew Kwasniak (Exponent) Work Zone Defensive Countermeasures - John Boyer (National Safety Council) Coordinating, Planning and Managing the Effects of Roadway Construction with ITS Technology - Les Jacobson (Telvent Farradyne)
8:30-10:00 AM				
10:00-10:30 AM	<b>5A - PLANNING FOR TRAFFIC</b> - Tim Strow (MAG) Interstate 11 - Phoenix to Las Vegas - Bob Hazlett (MAG) Design and Implementation of Parking Guidance Systems - Dennis Burns (Kimley-Horn and Associates) Development and Application of a Regional Synchro/Sim Traffic Model for the Tucson Metro Area - Jim Witkowski (Morrison Maierle)	<b>5B - FUNDAMENTALS OF TRAFFIC SIGNAL TIMING COURSE</b> - Gordon Lum (UC Berkeley Technology Transfer Program)	<b>5C - SMALL, BIG AND QUIET</b> - Dave Duffy (ADOT) Tucson Modern Streetcar - Shellie Ginn (City of Tucson) AZ Rail Framework Study - John McLamara (AECOM) RR Quiet Zones - Nicolaas Swart (MCDOT), Duane Eitel (AECOM)	<b>5D - MAKING ROADS SAFER</b> - Eugene Wilson (University of Wyoming) Identifying and Addressing Intersection Operational Issues by Conducting Road Safety Assessment - Mike Blankenship (ADOT) Managing Speed - From Engineering to Enforcement - Sgt. Jerry Skeenes (Tucson Police Department) Oatman Highway (Historic Route 66) Traffic Safety Study and Improvements - Steven Latoski (Mohave County Public Works)
10:30 AM - 12:00 PM				
12:00-1:30 PM		Lunch		