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PAPERS, ARTICLES, COURSES AND PRESENTATIONS

ATC Cabinets - A Smart Decision for ITS Infrastructure [Presentation], ITS-CA 2019 Annual Meeting & Exhibition

ATC Equipment for Your ITS Needs Today and for Your Future [Workshop], International Municipal Signal Association (IMSA) Forum and Expo 2019, 2018, 2017

ITS Standards for the Coachella Valley Association of Governments [Presentation], CVAG Transportation Systems Management and Operations (TSM&O) Meeting, 2019

ITS Standards Update [Presentations], Transportation Research Board (TRB) Annual Meetings 2019, 2018, 2017, 2016, 2015, 2012

Advanced Transportation Controller (ATC) How did we get here? Where are we going? [Presentation], Joint Orange County Traffic Engineering Council / ITS California Southern Section Luncheon Meeting, 2018

On-Street Architectures for Connected Vehicle Applications [Presentation], ITS California 2017 Annual Conference and Exhibition

Understanding How Advanced Transportation Controllers Are a Key to Our Future [Presentation], Institute of Transportation Engineers (ITE) District 6 Annual Meeting 2017

Acceptance Testing for Advanced Transportation Controller (ATC) Application Programming Interface (API) Software [Training Module], USDOT Professional Capacity Building Program, 2017

Completing Our Streets with Advanced Transportation Controllers [Workshop], San Diego Section ITE Technical Workshop, 2016

ATC Application Programming Interface Reference Implementation Demonstration and Training Workshop [Workshop], Institute of Transportation Engineers 2015 Fall Conference

Advanced Transportation Controllers: Cheers and Frontiers [Presentation], ITS-CA 2015 Annual Meeting & Exhibition

Opportunities for Innovation [Presentation], Transportation Research Board (TRB) Annual Meeting, 2015

Applying Your Test Plan to Transportation Sensor Systems (TSS) Based on NTCIP 1209 Standard v02 [Training Module], USDOT Professional Capacity Building Program, 2015

Understanding Requirements for Advanced Transportation Controllers Based on ATC 5201 Standard v06 [Training Module], USDOT Professional Capacity Building Program, 2015

Understanding User Needs for Advanced Transportation Controllers Based on ATC 5201 Standard v06 [Training Module], USDOT Professional Capacity Building Program, 2015

Opportunities for Innovation Using Advanced Transportation Controllers [Presentation], Orange County Transportation Authority (OCTA) Traffic Forum, 2014

Leveraging ITS Infrastructures Using the ATC Application Programming Interface [Presentation], Louisiana Department of Transportation and Development (LA DOT&D) Technical Workshop, 2014

Opportunities for Arterial Systems Innovation Through Emerging Standards [Presentation], ITS-CA 2013 Annual Meeting & Exhibition

Using the ATC 5401 Application Programming Interface Standard to Leverage ITS Infrastructures [Training Module], USDOT Professional Capacity Building Program, 2013

Building an ITS Infrastructure Based on the Advanced Transportation Controller (ATC) Standard (Part 1 and 2) [Training Modules], USDOT Professional Capacity Building Program, 2013

Specifying Requirements for Transportation Sensor Systems (TSS) Based on NTCIP 1209 Standard [Training Module], USDOT Professional Capacity Building Program, 2013

Understanding User Needs for Transportation Sensor Systems (TSS) Based on NTCIP 1209 Standard [Training Module], USDOT Professional Capacity Building Program, 2013

Writing Requirements When ITS Standards Do Not Have SEP Content [Training Module], USDOT Professional Capacity Building Program, 2012

Introduction to ITS Standards Requirements Development [Training Module], USDOT Professional Capacity Building Program, 2012

NTCIP Transportation Sensor System Standard V2 [Presentation], ITS America 2012 Annual Meeting

ATC Standards Update [Paper and Presentation], ITS America 2010 Annual Meeting

NTCIP Center-To-Field Step by Step [Paper and Presentation], ITS America 2009 Annual Meeting (Also presented at 2009 ITE District 6 Annual Meeting)

Consensus Standards Development, Adoption and Implementation in the United States [Presentation], National Institute of Standards and Technology (NIST) Standards in Trade Workshop on Transportation Management Systems (TMS) and Intelligent Transportation Systems (ITS) Standards, Sao Paulo, Brazil, April 2008 (Also presented in Tel Aviv, Israel, 2009)

ITS Device Standards [Presentation], NIST Standards in Trade Workshop on TMS and ITS Standards, Sao Paulo, Brazil, April 2008 (Also presented in Tel Aviv, 2009 and Prague, 2010)

Managing Corridors for Emergency Response [Presentation], 2007 ITE District 6 Annual Meeting

The Advanced Transportation Controller Application Programming Interface – Closing the Technology Gap [Paper and Presentation], 2007 ITE District 6 Annual Meeting

Managing Corridors To Support First Responders [Presentation], ITS America 2007 Annual Meeting

Managing Congestion on the Street and in the Cabinet [Presentation], ITS America 2007 Annual Meeting

The Advanced Transportation Controller Application Programming Interface – Closing the Technology Gap [Article], ITE Journal, May 2007

Deploying ATC Standards: When?, Where?, How? [Paper and Presentation], 2006 ITE District 6 Annual Meeting (Also presented at ITS America 2007 Annual Meeting)

Advanced Transportation Controller – Application Programming Interface [Presentation], Transpo Florida 2006

The ATC Application Programming Interface and its Impact on the Operations and Management of Transportation Systems [Paper and Presentation], ITS World Congress 2005
(Also presented at ITE 2005 Technical Conference and 2005 ITE District 6 Annual Meeting)

The Advanced Transportation Controller – Application Programming Interface 2005 [Article], ITE Journal, March 2005

Leveraging Technologies through the ATC Application Programming Interface [Paper and Presentation], ITE 2004 Annual Meeting

2070 and ITS Cabinet [Presentation], Caltrans Electrical Engineering Workshop 2001

Advanced Transportation Controller (ATC) Overview [Presentation], ITE District 4 Annual Meeting 2000