Multi-Resolution Modeling (MRM) Course Agenda

Conducted at the Embassy Suites – Tampa USF

3705 Spectrum Boulevard
Tampa, FL 33612

April 17 and 18, 2018

• Day 1 (April 17) Magnolia Room – 2nd Floor

  08:30 AM  Introduction
  - Needs for MRM
  - MRM types
  - Overview of MRM framework
  - Experience and lessons learned

  09:15 AM  Analysis, Modeling, and simulation levels and Tools
            Part 1 Sketch Planning

  10:00 AM  Break

  10:15 AM  Analysis, Modeling, and simulation levels and Tools
            Part 2 Macro, Meso, Micro Simulation
            Part 3 Dynamic Traffic Assignment

  12:00 PM  Lunch Break

  01:00 PM  Data Sources and Processing
            - Data collection
            - Data processing
            - Clustering and categorization

  03:00 PM  Break

  03:15 PM  Supporting Tools and Methods

  05:00 PM  Adjourn

• Day 2 (April 18) Magnolia Room – 2nd Floor

  08:00 AM  Example Application: Managed lane modeling

  09:30 AM  I-4 Modeling in Orlando

  10:15 AM  Break

  10:30 AM  Example Application: Work zone modeling

  11:15 AM  Example Application: Active traffic management

  12:00 PM  Adjourn