**TRB Workshop**

**Transformative Trends in Transit Data: GTFS Bonanza**

Sunday, January 10; Convention Center Room 144A

| **Time** | **Topic** | **Speakers** |
| --- | --- | --- |
| **1:30 p.m.** | **Part I: Key Concepts** |  |
|  | **Hello, GTFS**  *An around-the-world-tour of how transit agency staff, developers, urban planners, and international development specialists have transformed this simple standard into an intricate web of applications and methodologies for improving transit services.* | Holly Krambeck  The World Bank  [hkrambeck@worldbank.org](mailto:hkrambeck@worldbank.org) |
| **1:45 p.m.** | **Part II: Hands on Learning** |  |
|  | **A Brief History of the GTFS**  *An engaging story about the unusual origins of the GTFS and overview of the specification’s structure.*  **Obtaining and Manipulating a GTFS Feed**  *A hands-on exercise for learning about open data, GTFS repositories, and open-source tools for viewing, validating, and editing feeds.*  **Creating a Feed**  *A behind-the-scenes look at how GTFS feeds are created and maintained.*  **Using a Feed**  *A hands-on exercise in combining GTFS data with simple GIS census data to generate comparable transit indicators and benchmarks across cities.* | Aaron Antrim  Trillium Solutions  [aaron@trilliumtransit.com](mailto:aaron@trilliumtransit.com)  Kathryn Kilbrew  Azavea  [kkillebrew@azavea.com](mailto:kkillebrew@azavea.com) |
| **3:30 p.m.** | **Part III: GTFS in Action** |  |
|  | **How to Map an Unmapped Transit Network**  *Technical and institutional innovations implemented under the Nairobi Digital Matatus Project* | Jackie Klopp  Columbia University  [jk2002@columbia.edu](mailto:jk2002@columbia.edu)  Sarah Williams  MIT  [sew@mit.edu](mailto:sew@mit.edu) |
|  | **AVAIL: Putting GTFS to Work**  *Open source GTFS-based transit modeling* | Catherine T. Lawson  University of Albany  [lawsonc@albany.edu](mailto:lawsonc@albany.edu) |
|  | **Welcome to TransitLand**  *Open source initiative to make GTFS data easier to find and use* | Drew Dara-Abrams  MapZen  [drew@mapzen.com](mailto:drew@mapzen.com) |
|  | **Group Discussion** | All |

**Sponsoring Committee**

AP000 Public Transportation Executive Group

**Workshop Description**

This Open Source/Open Data (OS/OD) transit workshop will introduce the General Transit Feed Specification (GTFS) – an emerging global standard for transit data that is changing the way we analyze and communicate transit service information. Participants will learn about the creation, use, and application of the GTFS with hands-on experiences, participate in demonstrations of exciting new uses of the GTFS, and learn how to access tools and techniques for their own future uses.

*Note: Participants are advised to bring laptop computers.*

**Contact**

Catherine T. Lawson

University at Albany

518-442-4775

lawsonc@albany.edu