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Central Illinois Section
April 2015

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April Meeting: Tuesday, April 14th @ 6:00 PM

A Smart, Green Bus System for the 21st Century

**Control Room Tour and Tech Talk at the Champaign-Urbana Mass
Transit District (MTD) Headquarters**



IEEE
Jay Rank
Planner

Champaign-Urbana MTD

Date: Tuesday, April 14th, 2015

Time: 6:00 PM – 7:30 PM

**Location: CU-MTD Headquarters
1101 E University Ave
Urbana, IL 61802**

Organizer: Tim O'Connell, CILS Chair

For questions, contact Tim O'Connell <tim.oconnell@ieee.org>

Abstract:

The MTD, Champaign-Urbana's bus system, provides more than 13 million rides per year to students and citizens alike, with a 98% customer satisfaction rate. Making this happen requires an advanced real-time bus tracking system, statistics, data analytics, and careful planning. In addition, MTD has incorporated many green technologies, including a growing fleet of hybrid electric buses, and solar panels at MTD headquarters. At this month's meeting, the MTD's Jay Rank will tour us through the MTD control room, where the buses are tracked and monitored in real-time, and discuss the many technologies utilized to keep the buses running on time. We will also hear about the green technologies that are being utilized to reduce the MTD's energy footprint.

About the speaker:

Jay Rank earned BA and MA degrees in Urban Planning from the University of Illinois at Urbana-Champaign (UIUC) in 2002 and 2008, respectively. He has worked at the Champaign-Urbana Mass Transit District (MTD), which supplies transportation services to the Champaign-Urbana metropolitan area, for eight years, working with the planning database, statistics, mapping, and route planning. In his current role, Jay creates routes, schedules, workboards, and internal documents for MTD.

Directions:

Please click on the following link for a map to the CU-MTD Headquarters:

[Location of CU-MTD \(Google Maps\)](#)

For the full agenda, registration* and information, please click on the link below:

[April 14th Meeting Registration](#)

***NOTE: PLEASE REGISTER BY MONDAY, APRIL 13th, 2015, because there are a limited number of spaces available on the tour due to the size of the control room at MTD. Thus, REGISTRATION IS REQUIRED for the meeting so that we can plan to accommodate our group. We might split into two groups and do the tour in shifts if necessary.**



IEEE Central Illinois Section (CILS)
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