CALL FOR ABSTRACTS
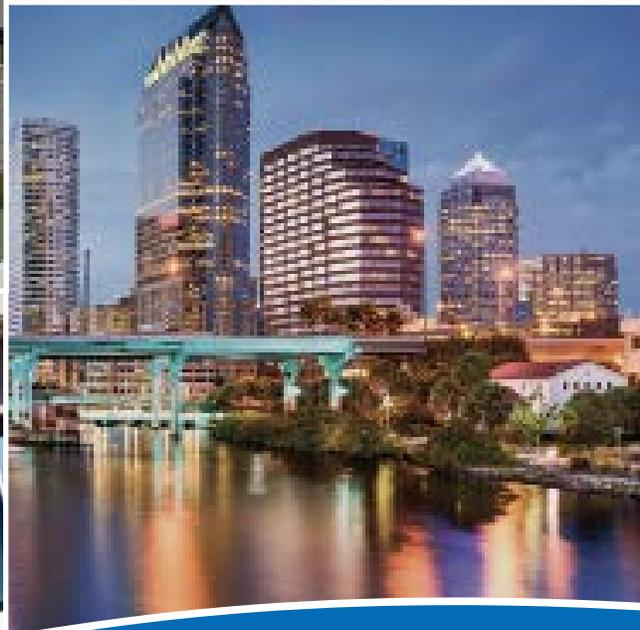
INTERNATIONAL CONFERENCE ON AUTOMATED PEOPLE MOVERS & AUTOMATED TRANSIT SYSTEMS

Tampa, Florida, USA | April 29–May 2, 2018

A Conference of the Transportation & Development Institute (T&DI) of ASCE

Moving to the Future – Building on the Past

Venue: Hilton Tampa Downtown
211 N Tampa Street, Tampa, FL 33602

www.apmconference.org

On behalf of the Steering Committee, we invite you to participate in the **16th International Conference on Automated People Movers & Automated Transit Systems** being held in Tampa, Florida, from April 29 to May 2, 2018.

Come share your opinion and hear what planners, inventors, engineers, APM and transit system operators designers, suppliers, builders, government officials, owners, and operators of automated transit of all forms have to say as all these technologies are discussed in Tampa. Network with your fellow attendees at meals and breaks, and talk to exhibitors about what equipment and services they have to offer. Take advantage of the ASCE APM conference's international collegial community to share experiences, reveal innovations, look to the future, and discuss lessons learned and the latest developments in automated transit of all forms.

Attending the technical program will make you eligible for professional development hours (PDHs) that can be used to show your commitment to maintaining your competency to licensing boards. Enjoy a technical tour of the three separate APM systems at Tampa International Airport.

Like the APM and ATS, this conference has been around the world: Yokohama (1991), Las Vegas (1997), Copenhagen (1999), Singapore (2003), Orlando, Florida (2005), Paris (2011), Phoenix (2013), and most recently, Toronto (2016). And now we look forward to welcoming you from around the world April 29 – May 2, 2018 for APM-ATS 2018 in Tampa, Florida, United States!

Craig Elliott, A.M.ASCE,
Chair Lea+Elliott, Inc.

Bill Sproule, Ph.D., P.E., F.ASCE
Michigan Tech University

Brian McKeehan, P.E., F.ASCE
Gresham, Smith and Partners

Kari Goetz
Tampa Airport

Lawrence Smith, P.E., F.ASCE
T&DI Standards Council

Murthy V. A. Bondada, Ph.D., P.E., F.ASCE, F.ITE
EPIC Engineering & Consulting Group, LLC

Invitation & Call for Abstracts

The Steering Committee of the **16th International Conference on Automated People Movers and Automated Transit Systems** is accepting proposals for abstracts for presentations at the conference. Final papers are optional for accepted abstracts; those submitted will be published in the Conference Proceedings upon final approval and paid registration fee.

For full details on submitting an abstract, visit the conference website at **www.apmconference.org/call-for-abstracts**. The deadline for all submissions is **May 30, 2017**.

Submission Options

There are two submission options on the Paper Management System. Please review the options below as it is important that you select the correct option:

1) Abstract for a PowerPoint presentation at the conference, with full paper in conference proceedings.

2) Abstract for a PowerPoint presentation at the conference only.

All abstracts must be submitted through the conference website at **www.apmconference.org/call-submissions.**.

You may choose to submit a session proposal by emailing it to Bill Sproule (**wsproule@mtu.edu**). Session proposal must include the name of a moderator and abstracts for four presentations on the same topic/theme, along with name and affiliation of speaker(s) for each presentation.

You may also choose to submit a proposal for panel discussions of no more than 90 minutes, and educational workshops of no more than 4 hours. The proposal must identify a title, a description of the session and panelists, or instructors for a workshop. Proposals for panel discussions and educational workshops must also be submitted to Bill Sproule (**wsproule@mtu.edu**).

Conference Topics

- **History:** Past experience pertaining to APMs and ATS with lessons learned as applicable to current practice and future trends.

- **Airports:** Newly implemented projects and projects in planning and design.

- **Major Activity Centers and Urban Transit Projects:** Applications related to urban transit, university campuses, commercial and entertainment parks, sports complexes, transit oriented development, and other unique urban projects.

- **Personal Rapid Transit (PRT), Monorails, Moving Walkways, and Other Systems:** Ongoing studies, projects, and future applications.

- **Automation Related to Upgrading Train Control Systems:** Applications related to the automation of existing non-automated transit systems.

- **New and Emerging Technologies:** Recent developments and a look at the future of autonomous transit vehicles.

- **System Improvements:** Renovation and replacement of older systems, advances in train control and communications, and application of new and emerging technologies.

- **Safety, Security, and Standards:** New developments and applications related to design and operations, hazard analysis and mitigation, anti-collision technologies, and ASCE APM Standards.

- **Fixed Facilities:** The latest developments and design concepts for guideways, stations, maintenance and storage buildings, and other facilities.

- **Construction:** Innovation, approaches and techniques

- **Operation and Maintenance (O&M):** Experience and lessons learned.

- **Project Delivery:** Current and future trends in funding, financing, procurement, and asset management.

- **Planning and Policies:** Integration of APMs, PRT, autonomous vehicles, and other transit with consideration of sustainability, smart growth, livable communities, roles of government, and private-public partnerships.

Important Dates

Abstracts Due:
May 30, 2017

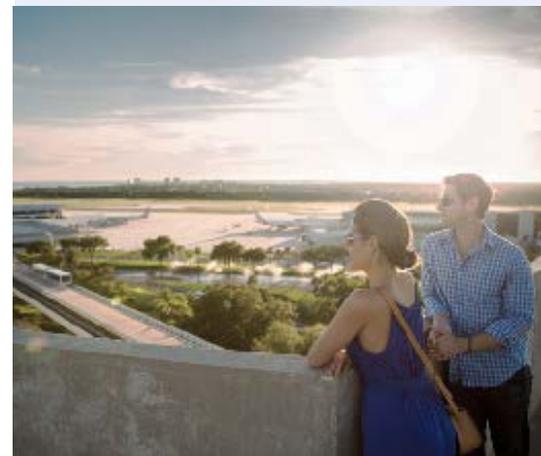**Author Notification:**
June 20, 2017

Draft Papers Due:
August 15, 2017

Final Papers Due:
October 31, 2017

Speaker Registration Deadline:
November 21, 2017

Exhibits & Sponsorship Opportunities

Highlight your company's commitment and unique contribution to APM and ATS before the industry's premier leaders, planners and practitioners by becoming a conference sponsor or exhibiting at the event. For further information, contact **Drew Caracciolo** at **dcaracciolo@asce.org**.

Automated People Movers & Automated Transit Systems – Moving to the Future – Building on the Past

Tampa, Florida will be the host city for the 16th International Conference on Automated People Movers and Automated Transit Systems and the theme for the conference is "Moving to the Future – Building on the Past".

During the 1960s an innovative terminal design was proposed for the Tampa International Airport and a key component was the need for a reliable transit system that would shuttle passengers between satellite terminals and a central terminal building. When the system went into service in 1971, it was the first airport automated people mover and it marked the start of numerous applications and development of these driverless transit systems around the world. A second driverless monorail system was installed connecting the airport's automobile parking garage with the central terminal building; the vehicles in the airport garage and the vehicles on the original shuttles were replaced in the 1990s. A new automated people mover is under construction linking the terminal area with a consolidated rental car complex and will open prior to the conference. Full automation of urban rail transit lines, autonomous transit vehicles, and other new technologies are among recent innovations.

This conference will be sixteenth of a series of successful conferences that began in 1985 in Miami, Florida. Since that time subsequent conferences have become the meeting place of professionals from around the world to share project experience, advanced technologies, and innovative ideas on the planning, design, implementation, and operations of automated people movers and automated transit systems. Conference attendees will include planners, engineers, APM and transit system owners and operators, inventors, government officials, system suppliers, prospective owners, educators, and students as they reflect on the past and look to the future.

About T&DI

The Transportation & Development Institute (T&DI) is a specialty membership organization focused on transportation and development professionals and the transportation and development industry. It is one of the American Society of Civil Engineer's nine specialty Institutes.

T&DI combines the talents and perspectives of its members to promote professional excellence in all aspects of transportation engineering, urban planning and development. We strive to enhance their career development through:

- Conferences
- Webinars
- Journals and Practice-Oriented Publications
- Continuing Education Programs
- Networking and Coalition-Building
- Committees
- Leadership on Emerging Issues

Contacts

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Join Us in Tampa!

The conference will be held in Tampa Bay, where your treasure awaits! In the heart of the downtown, participants will have the opportunity to transit by streetcar, water taxi, Coast bikes, Zipcars, and a free electric vehicle service, known as the "Downtowner," that can be requested via app. All this, while arriving at Tampa International Airport, home to the first Automated People Mover in the world installed by Westinghouse Electric Corporation in 1971. Just in time for the conference, a 1.4-mile automated people mover and an expansion of the Main Terminal will be complete as part of the Airport's visionary Master Plan Gateway project.