

The New Mobility Path

9-10 December, Atlanta, Georgia

2021



PODCAR CITY DECEMBER 9-10 PROGRAM & SPEAKER UPDATE

New planning tools, products and services are available to the growing mobility ecosystem, one which promises to meet the challenges of urban congestion, provide mobility for all and address environmental concerns.

Come to Atlanta to learn about, hear and discuss planning and deployment opportunities incorporating automated, connected, electric, and shared transportation technologies. The 2021 PodCar City conference focuses on cities and airports and their urgent need on making a reality of new modes of public, automated transportation through technology, planning & business opportunities.

Through discussion and information exchange we'll separate hype from reality and uncover practical solutions which are being investigated today to address real problems.



"We are proud to serve as the host city for the 2021 Podcar City Conference. The ATL Airport Community Improvement Districts (AACIDs) have a vision for technological innovation that will improve the quality of life and mobility for property owners in and around one of the world's busiest airport, Hartsfield-Jackson Atlanta International Airport (HJAIA). Our AACIDs PRT Advisory Group with representatives from key transit influencers such as MARTA, GDOT, and HJAIA are excited to support cost effective modes of transportation, such as Personal Rapid Transit (PRT), throughout South Metro." Gerald McDowell, Executive Director, AACIDS



In this newsletter:

Program update, speakers, list of technologies today, articles and more. To register by Credit card:

<http://www.inist.org/store>

If you would like to be invoiced rather than pay via credit card, please email:

info@4dialog.com.

All prices on last page are early bird until November 14 after which prices increase \$100 exc. for students. Prices include Wednesday Happy Hour and Thursday Dinner.

Workshop **Wednesday Dec 8** at 1pm for those of you who want to start planning a network. We will use Podaris & 4Dialog technology. Email us at info@podcacity.org to participate. The workshop is available for all who have registered.



Program – Overview (Preliminary)

(VR) indicates sessions which are accessible to remote (virtual) participants (Zoom).
Moderated by Aurora Lindstrom, 4Dialog



Wednesday December 8 – Pre conference activities

1 pm- **A workshop will be hosted on Wednesday Dec 8 at 1pm for those of you who want to start planning a network.** Please send email to info@podcacity.org before this day so we can prepare for your ideas and questions
7 pm – **Cocktail reception** at the conference hotel



Thursday December 9 – Main conference day

8.30 AM – Breakfast coffee/tea & Registration
9.00 – **Introductions & Welcome** – Gerald McDowell,
ATL Airport Community Improvement Districts, Host (VR)



9.10 – Keynotes

Andrew Young, former US Ambassador to the United Nations
Robb Pitts, Chairman Fulton County Board of Commissioners
Jeffrey E. Turner, Chairman Clayton Board of Commissioners
Ellen Dunham-Jones, Architect, Georgia Tech
“Retrofitting Suburbia: Urban Design Solutions for Redesigning Suburbs”

MAIN PANELS AND DEMONSTRATIONS

10.10 – **Setting the stage** – Peter Muller, President ATRA & PRT Consulting (VR)



10.35 – **New and emerging projects** – Moderator Steve Hamilton, ATRA (VR)
Ultra PRT Ltd, Microtransit (Ultra) , 2getthere, Modutram, Glydways, skyTran.
Kigali, Supraways - Note: List to be confirmed and might change



11.50 – **Demonstration at site**, exhibitors and box lunch, Introduced by Matthew Lesh
Oceaneering, Beep, more TBA

1.10 PM – **Technology, Transit and Infrastructure** – Moderated by
Krystal Harris, ATL Airport Community Improvement Districts (VR)
MARTA, CobbLinc, Georgia Department of Transportation,
Atlanta-Region Transit Link Authority,
and Professor Ingmar Andreasson



2.30 – **Financing and Making Sense** – Moderated by Magnus Hunhammar, ISTCAB (VR)
The Uppsala case, Financing studies, speakers TBA

3.45 – Coffee, exhibitors



4.00 – **New industry emerging and global effects** – Moderated by Christer Lindstrom, 4Dialog
Speakers TBA

5.00 – Adjourn
7.00 – Conference Dinner at the Kimpton Hotel

Friday – Universities, Students and planned research and projects

9.00 AM – 11.30 **Research overview** – Moderated / Presented by Georgia Tech,
San Jose State, ITRL Sweden and more
Student ongoing and coming projects
UIDC
ITN
Other



11.30 Adjourn

Speakers

Gerald McDowell, Executive Director, ATL Airport Community Improvement Districts



With over 30 years of professional experience, McDowell is humbled by his experiences and remains diligent in his commitment to provide a strong, safe, attractive, and vibrant community for South Metro Atlanta

Krystal Harris, Program Director, ATL Airport Community Improvement Districts



Krystal Harris, brings a wealth of strategic planning and high level project management skills to our team. She worked at GDOT for 12 years in various roles in Planning and Asset Management. While at GDOT, she focused on working in the most feasible way while meeting the goals and objectives of the Department. Understanding projects from conception to construction gives Krystal a unique perspective as a Program Director and enables her to look at challenges from various perspectives while keeping the company's mission and vision top of mind.

Ellen Dunham-Jones, Architect & Director Urban Design Program, Georgia Tech



Ellen is Director of the Master of Science in Urban Design degree, an authority on sustainable suburban redevelopment, and a leading urbanist. Author of over 100 articles, she is co-author with June Williamson of the retrofitting suburbia book series documenting successful retrofits of aging big box stores, malls, and office parks into healthier and more sustainable places. *Retrofitting Suburbia: Urban Design Solutions for Redesigning Suburbs*,

Peter Muller, President, Advanced Transit Association (ATRA)



Imagine public transit where all trips are express, premium trips are nonstop and economy trips cost the same as bus fare. Imagine public transit that takes traffic off the roads, uses $\frac{1}{4}$ the normal energy per passenger mile and is renewably powered. Imagine public transit where everyone lives and works within 5 minutes' walk of a station. This is the dream I am working to realize through ATRA and my work with companies including PRT Consulting and Vuba.

Andrew Young, Andrew Young Foundation



The Andrew J. Young Foundation is an extension of Ambassador Young's vision, values and virtues that continue to inspire leaders around the world to work toward a global community of peace, prosperity and inclusion. The Foundation embodies his philosophy of creative nonviolence, exemplary of his work as pastor, civil rights leader, diplomat, politician and humanitarian establishing a model and legacy of effective servant leadership for current and future leaders in Atlanta, America and the world.

Robb Pitts, Fulton County board of Commissioners



Before being elected Chairman in 2017, Robb Pitts served on the Fulton County Board of Commissioners for twelve years. As a commissioner, he advocated to relieve the tax burden on Fulton property owners, supported the library system, protected animal rights, and helped encourage economic development in South Fulton County.

As chairman, Robb has worked to defend Fulton County's elections system and voters, navigate the COVID-19 crisis, and bolster minority-owned financial institutions.

Jeffrey E. Turner, Chairman Clayton Board of Commissioners



Jeff Turner's belief is that we all play a vital role in building a better future and quality of life for every citizen in every community. As Chairman of the Board of Commissioners, he provides dependable leadership in the development of a progressive vision for Clayton County. Since taking office, Chairman Turner has been appointed to numerous committees which include the Governor's Funding Committee on Juvenile Justice, the Executive Board of the Atlanta Regional Commission (ARC), and the Metro Urban Chairs Committee, just to name a few.

Rita Castelbranco, Architect and researcher at CITUA/IST, Lisbon Portugal



Architect. Urban planner and mobility expert, from strategy to project development. Researcher at CiTUA/IST. Currently doing a PhD in Architecture on the topic Reshaping the City: new parameters for a better urban environment.

Speakers continued next page ...

Speakers continued

Christer Lindstrom, CEO 4Dialog / ITN



My interest is focused on sustainability, democracy and the processes that supports these important parts of life. At 4Dialog I work with immersive visualization and simulation technology for better communication between key stakeholders in developing cities.

Matthew Lesh, Director TESIAC



I am passionate about mobility for all. My diverse background spans government, non-profit, bioscience, and transportation. I spent roughly 13 years in the federal ecosystem developing, supporting, and executing policy and programs for the United States Department of Transportation and have worked across the industry from research to deployment.

Magnus Hunhammar, CEO IST, Sweden



ISTCAB is a partner for integrated urban and traffic planning for more sustainable cities. ISTCAB does Consultancy,

research & conferences. Founder of the International Podcar City Conference. Magnus is the former executive Director of the City Network KOMPASS, an organisation focused on researching possibilities for new modes of urban mobility

Aurora Lindstrom, CMO 4Dialog



Aurora is responsible for project coordination at 4Dialog and works part time for supporting youth projects in the UIDC project. Aurora is currently Project coordinator at the Stockholm County Administrative board and holds a master degree in Environmental sciences at Lund University.

Todor Stojanovski, Royal Institute of Technology, Stockholm Sweden



Todor hold a PhD in Urban and Regional Studies at the KTH Royal Institute of Technology in Stockholm. His research focuses on urban form and mobility, urban design and transportation infrastructures, habitation and mobility (sub)cultures.

Steve Hamilton, ATRA & CityTrans



I am spending my time in a philanthropic effort to improve mass transit (working mostly in the Miami area). This involved self-directed study in Civil and Mechanical engineering (enough to be dangerous) sufficient to do realistic first pass design of a Personal Rapid Transit system, for the primary purpose of cost estimation.

Nathan Koren, CEO Podaris, UK



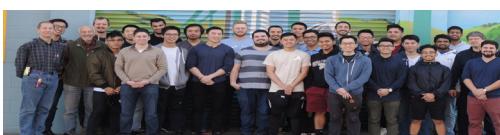
Infrastructure projects are becoming ever-more sophisticated, requiring the integration of more and more technologies and disciplines. At the same time, they are also becoming more democratic, with the input of increasingly diverse stakeholder groups. Podaris is a platform for real-time interdisciplinary planning and design of infrastructure projects, putting collaboration and transparency front and centre.

Ingmar Andreasson, Certified Research Associate at Mineta Transportation Institute



Ingmar specializes in planning, design and evaluation of generic (vendor-independent) Personal Rapid Transit systems, operating strategies and interplay with other transit modes. Ingmar previously was a professor at the Swedish Royal Institute of Technology, Stockholm

Friday December 10 - Presentation of current and planned student projects all over the world - San Jose State University, NC State, Georgia Tech, ITRL Sweden, The UIDC Project and the upcoming ITN Project - and more!



Existing and Emerging Technologies

There is a plethora of both existing and emerging technologies for Podcars - small, slower mini buses, medium sized self driving buses, systems operating on their own tracks or shared with regular traffic and more. We list here some of the systems available to use today and some emerging. some conceptual. We have filtered out systems without funding.

[Oceaneering/2Getthere - Existing \(Masdar, Rotterdam\)](#)

The REVO-GT™ is a unique vehicle system that uses self-guided, driverless group transit vehicles, each capable of transporting up to 24 passengers on a dedicated guideway allowing passengers to select from pre-programmed routes connecting different origins to one or more specific destinations.



[Modutram/Autotren - Emerging, run on its own track, test track available](#)

Autotren is a rapid transit system based on GRT (Group Rapid Transit) technology that offers agile and sustainable mobility, particularly for congested urban corridors and medium sized cities.



[Morgantown - Worlds oldest operational system](#)

Morgantown Personal Rapid Transit (WVU PRT) is a personal rapid transit (PRT) system in Morgantown, West Virginia, United States. The system connects the three Morgantown campuses of West Virginia University (WVU) and the city's downtown area.



[Supraways - Conceptual, test track underway](#)

Spacious and comfortable 7 to 9 seated cars (belts) . Supras Transport on demand, no time-table, direct trips from origin to destination, 24 / 7 service availability. Supras High speed, 50 km/h on average. Supras Solar canopies, CO² -neutral.



[Vuba - Conceptual](#)

Vuba is a USA and Rwandan Smart City mobility company that provides an ICT solution for public transport. We focus on driverless electric vehicles that are powered by solar energy for zero emission transportation.



[Beep - Operational vehicles in several places](#)

Beep is Autonomous Mobility as a Service provider offering fully managed mobility solutions to both public and private communities. Beep's fully managed autonomous mobility, turn-key mobility offering delivers a safe, reliable, stress-free transportation service.



[Easymile - Operational vehicles in several places](#)

EasyMile's unique technology allows autonomous vehicles to drive safely with cars, bikes, pedestrians and so on. They understand the environment as it is. No need to build or make anything extra!



[Skytran - Maglev based hanging PRT](#)

vehicle only stops at your chosen destination. Bypassing stations along the way, you travel at high-speed for the duration of your trip. This is the very definition of seamless point-to-point travel. The maglev technology allows vehicles to move along the track on a cushion of air. This means that your ride is always fast, smooth, and quiet.



[Ultra - The London Heathrow System](#)

Ultra pods are a new type of transportation technology, which consists of small, lightweight, driverless electric vehicles running on special-purpose guideways. Ultra pod provides on-demand, non-stop transportation in your own personal vehicle.



[Glydways - California emerging system with test track](#)

Glydways is currently helping cities and communities supplement existing public transportation networks with faster, more efficient, more sustainable self-driving shuttles.

GENERAL INFORMATION

The conference takes place at the Kimpton Overland Hotel December 9-10 2021. You are invited to attend either in person or by internet connection (Zoom, limited number of participants). For booking rooms, please use the link [here](#) or call 1-800-KIMPTON and mention the group "Podcar City" for the conference group rate (\$139+Tax). The Hotel is a fully accessible. Please call the Reservation Specialist at (470) 466-3300 or email accessible@kimptonoverlandhotel.com. The conference homepage with full program, prices, speakers and other information is available at <https://podcacity.org/podcar-city-conference-2021/>



Pricing

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Full	\$ 595	
Thursday only	\$ 495	
Speaker rate	\$ 195	
ATRA + new membership	\$ 395	REGISTER NOW!
Student	\$ 95	http://www.inist.org/store
Academic/Government	\$ 395	
Exhibit Space (part of sponsor package)	\$ 495	
Virtual Exhibit space (part of sp. package)	\$ 195	
Virtual Attendees (limited, no dinner)	\$ 95	
Virtual Attendees - Student (ltd. sessions)	\$ 25	

Welcome! Aurora, Christer, Matt, Gerald, Charlie, Krystal and Kyana

