

Podcar City 9

Innovative mobility in the era of automation

Silicon Transportation!



4-6 november 2015

Silicon Valley, California 

For more information, visit:

www.podcarcity.org

Final Program

Wednesday 4 November (San Jose)

Venue: Spartan Superway Design Center, 128 E St John St, San Jose

10 AM – 4 PM	Student Design Charrette at Spartan Superway Design Center, San Jose
4 PM – 5 PM	Student Presentations
5 PM – 7 PM	Icebreaking Reception

Podcar City 9 opens with its first ever **PodCar Student Design Charrette**. Calling all student architects and engineers to collaborate for a day envisioning a new world of transportation and living! Teams of student architects and engineers will together design podcars and their stations in a local California environment. The charrette work will be presented by the students, showing all of us their visions for the future.

Thursday 5 November

Venue: Mountain View Performing Arts Center, 500 Castro St, Mountain View, CA

9 – 10 AM	Registration and Coffee	
10 – 11 AM	<p>Official opening and Keynote Speakers</p> <p>Welcome: Ron Swenson, INIST, and Councilmember John Inks, Mountain View Hope Cahan, County of Santa Clara Matthew Lesh, Noblis – <i>“Future Transit Scenarios”</i> Gwo-Wei Torng, FTA Office of Mobility Innovation Dr Ingmar Andreasson, Logistikcentrum, Sweden</p>	
11 AM – 12:30 PM	<p>Plenary session: City, MPO and State Perspectives</p> <p>Fernando De Aragon, Ithaca MPO, NY – <i>“PRT/Automated Transportation-Metropolitan Planning Organization Perspective”</i> Fred Payne, County of Greenville, SC – <i>“GreenVillages Development with Multi-Modal Transport Hubs”</i> Ben Tripousis, CA High Speed Rail Authority – <i>“California High Speed Rail – Connecting California”</i></p>	
12:30 PM	LUNCH at venue	
1:30 – 3 PM	<p>Plenary session: Systems in Operation</p> <p>Guido Schwager, Schwager Davis – <i>“Off the Beaten Path – Sustainable Transportation Solutions”</i> Ultra Global PRT – <i>“Heathrow Operating Experience”</i> Robbert Lohmann, 2getthere, Netherlands – <i>“2getthere projects update”</i> Morgantown – <i>“Modernizing the WVU Personal Rapid Transit System”</i> Vectus PRT – <i>“Suncheon PRT: Skycube – Project Overview and Operation Status”</i></p>	
3 – 3:30 PM	Coffee break and posters	
Break-out sessions		
3:30-4:45 PM	<p>Applicability of Podcars</p> <p>Gary Hsueh, Arup <i>“San José Automated Guideway Transit Study”</i> Will Ackel, ATRA <i>“Designing Guideway Geometry”</i> Peter Muller, PRT Consulting, Inc. <i>“Airport Shuttle Comparison – Podcars vs. Shuttle Buses”</i> Mike Stanley, TransitX <i>“Overcoming eight roadblocks preventing wide-spread PRT adoption”</i></p>	<p>Shared mobility and Accessibility</p> <p>Mohammed Yousuf, US DOT <i>“Accessible Transportation Technologies Research Initiative of the U.S. Dept. of Transportation”</i> Susan Shaheen, UC Berkeley <i>“Shared Mobility and Vehicle Automation”</i> Caroline Rodier, Associate Researcher, MTI, San Jose State & Associate Director, Urban Land Use & Transportation Ctr, UC Davis <i>“Potential Market for Dynamic Ride-sharing in the Bay Area”</i> Sharon Feigon, Shared-Use Mobility Center <i>“Integration of Shared Mobility and Transit”</i></p>
4:45-6 PM	<p>HSR/Feeder Systems and Station Area Design</p> <p>Sam Lott, Texas Southern University & Kimley-Horn and Associates Inc <i>“Automated Transit Network Facilities Design for Feeder Service to High Speed Rail Intermodal Stations”</i> Eric Eidlin, Sustainability Lead, FTA (California) <i>“Making The Most of High-Speed Rail (HSR) in California”</i> Nicolas Coulombel, Ecole de Ponts & Claude Escala, Supraways, France <i>“Toward a PRT system for the Paris metropolitan area: a first prospective analysis”</i></p>	<p>Urban Design</p> <p>Magnus Hunhammar, IST Sweden <i>“Podcars for Internal accessibility”</i> Lucia Cristea, Managing Director, European Integrated Projects <i>“Automated Transit in historic Perugia”</i> Nathan Koren, Podaris, UK <i>“Barriers to Urban Innovation”</i> Catherine Burke, USC School of Policy, Planning and Development <i>“Cracking the Gordian Knot: Advancing ATN Development and Deployment”</i></p>
6–7 PM	Posters and mingle	
7-9 PM	<p>Adobe House, 157 Moffett Blvd, Mountain View Conference Dinner and Keynote speaker: Jeral Poskey, Program Manager, Transportation Planning, Google</p>	

Friday 6 November

Venue: Mountain View Performing Arts Center 500 Castro St, Mountain View, CA

Break-out sessions		
9 – 10 AM	<p>Systems Development Part 1</p> <p>Doug Malewicki, SkyTran <i>"The complete history of SkyTran plus a discussion of all the latest technical breakthroughs in 13 minutes!"</i></p> <p>Alexander Kyllmann, ModuTram, Mexico <i>"Autotren: a GRT system for cities in Emerging Economies"</i></p> <p>Neil Sinclair, Chairman, CyberTran International Inc <i>"Automated Transit Networks: Why are they Historically Inevitable"</i></p>	<p>Swedish City Perspectives</p> <p><i>"Sweden has a long history of cities having interest in Podcars. Please join a discussion with city representatives about visions, strategies and hurdles."</i></p> <p>Fredrik Saweståhl, Tyresö, Sweden Stefan Bergström, Sundbyberg, Sweden Lars Sundblad, Sigtuna/Arlanda, Sweden</p>
10 – 11 AM	<p>Systems Development Part 2</p> <p>Nanzheng Yang, TTS Institute, China <i>"Development of Tube Transit System in China"</i></p> <p>Robert Baertsch, SkyTran <i>"Current Status of SkyTran Maglev PRT"</i></p> <p>Seth Hollar and Marshall Brain, EcoPRT <i>"Doing More With Less: Light-weight, Low-cost Automated Transit, ecoPRT"</i></p>	<p>PRT/GRT Procurement, Codes and Standards</p> <p><i>Presentation and panel discussion on PRT/GRT procurement lessons learned and considerations, as well as the applicability of existing standards for PRT/GRT systems.</i></p> <p>Iris Yuan, Lea+Elliot Eric Phillips, Lea+Elliot</p>
11 – 11:30 AM	Coffee break and posters	
11:30 AM – 12:45 PM	<p>Systems Development Part 3</p> <p>Buff Furman, Spartan SuperWay <i>"Innovating ATN with Students"</i></p> <p>Bengt Gustafsson, BeamWays, Sweden <i>"Beamways AATN – an update"</i></p> <p>Mike Stanley, TransitX <i>"Happy Mass Transit"</i></p>	<p>Driverless Vehicles</p> <p>Alain Kornhauser, Princeton University <i>"Driverless transit on guideways and roads"</i></p> <p>Luis Ferreras, Parsons Transportation Group <i>"iTRANS: Intelligent Transportation System to optimize mobility with V2X technology and ITS software"</i></p> <p>Peter Muller, PRT Consulting <i>"Driverless Car/Driverless Transit Future – Are We at the Rubicon?"</i></p> <p>Koorosh Olyai, Stantec <i>"Developments in Transit: First Mile/Last Mile in the Connected Automated World"</i></p>
12:45 – 2 PM	LUNCH in town	
2 PM – 3 PM	<p>What's next for Automated Transit Networks?</p> <p><i>"Join this interactive audience and panel discussion about the future of ATN, and ATRA's roles in promoting advanced transit."</i></p> <p>David Holdcroft, ATRA IG Gary Hsueh, Arup</p>	<p>Energy and Climate</p> <p>Ron Swenson, INIST <i>"Energy: The key to entitlements for Podcar networks"</i></p> <p>Monica Zarafu, Sydney Tech University, Australia <i>"Personal Rapid Transit Application in Retrofitting Edge Cities- Macquarie Park Case Study"</i></p> <p>Jim Beregi, Solar Transportation <i>"The Next Big Thing: A Transportation Paradigm Shift"</i></p>
3 – 3:30 PM	Coffee break and posters	
3:30 PM – 4:30 PM	<p>Closing plenary:</p> <p>Martin Lowson Award ceremony Student Presentation and Awards Final panel discussion</p> <p>Official closing</p>	