



URBAN INTERNATIONAL

February 1 -  
October 1  
2018

# DESIGN CONTEST

Best practices  
for  
Automated Public Transit

“Large-capacity ride sharing  
services could replace 98 percent  
of taxi service in Manhattan”

Proceedings of the  
National Academy of  
Sciences November 2016

“The private car is  
counter-productive and  
unnecessary in our cities”

Professor Charlotte  
Mellander  
Prosperity Institute of  
Scandinavia  
June 2016

“The goal is to rebalance the public space  
and create a city for people.” “There will be  
less pollution, less noise, less stress; it will  
be a more walkable city”

Deputy Mayor Gilles Vesco, Lyon, 2017



## WHAT IS UIDC?

The UIDC is a student design contest involving cities, universities, and at least one local sponsor for each city. The goal is to through student teams educate, inspire and motivate important stakeholders to design and visualize how new modes of sustainable public transit can be utilized in their urban environment. We want each team to give their best shot to show how they see their city future.



## WHEN AND WHERE?

The UIDC starts February 1, 2018 and culminates with an award ceremony at the 12th annual Podcar City conference, October 8-10, 2018 in Gävle and Stockholm, Sweden. Each design team will hold one or more local workshops with students trained in automated transit visualization and ATN\* design. They will then submit their proposals at the International Podcar City Conference.

*\*ATN = Automated Transit Network, self driving vehicles at grade and/or separate guideway providing transit for the general public (private cars does not apply)*

## WHO IS BEHIND THIS?



UIDC is headed by INIST, the US based International Institute of Sustainable Transportation in partnership with the Mineta Transportation Institute, the Advanced Transit Association and the Institute for Sustainable Transportation Sweden. All work in Europe is executed by 4Dialog AB and by Mobility e3 in North America.



## CRITERIA FOR PARTICIPATION

The contest has a cap of 24 cities and includes the following rules:

- ✓ A City must participate directly or through one of its agencies.
- ✓ Student participants must be in their second year of university or beyond, and continuing their studies in the fall of 2018. Graduate students are eligible
- ✓ Students must have a presentation ready by **October 1, 2018** that includes an ATN technology, a real future city/urban project in need of transit, a 4D simulation model, and between 12-16 of written pages outlining the study in PDF format.

## WHO ARE THE JUDGES?



A jury selected from high level European and North American policymakers, transit specialists and business executives will be responsible for prize selection. Jurists include Debbie Cook, president of the Post Carbon Institute and former mayor of Huntington Beach, CA, Einar Tufvesson, strategist in policy and research at the Swedish Transportation Authority, Jeral Poskey, transportation specialist at Google. Two more judges will be presented in early 2018.

## REGISTRATION COST

The registration cost is \$3,500. In addition, each team must have one or more local sponsors that contribute additional **monetary or in-kind resources**. The money is used for student training, student registration, servers and software, and travel to the summer training camp and to the Podcar City Conference in Las Vegas.

*Note: The UIDC organization can help in finding local sponsors.*

## PRIZES

The prize categories will be published on March 1, 2018 on the UIDC Facebook page, [www.facebook.com/UIDC2018](http://www.facebook.com/UIDC2018).

All prize money goes to the students.



## TRAINING INFORMATION

After approved registration (see last page) the training will start with two events – first a short planning meeting in each city with students, city planners and local sponsors; we will visit you and go through the contest details. Then students will be trained at a summer camp either in the US or Europe for five days. Finally each city team will do one or more workshops in the fall of 2018 in their city in order to finish their contribution.

## EXAMPLE OF HOW A 4D COMPETITION PROPOSAL COULD LOOK

The contestants will produce a 4D model plus a written document 12-16 pages long. The study will be based on interviews with city officials and local developers. All work will be monitored and supported through social media, TV, radio and newspapers. Please see our facebook page for more information, movies and documents at

[www.facebook.com/UIDC2018](http://www.facebook.com/UIDC2018)

## WASHINGTON, DC & ANTWERP, BELGIUM ATN MODELS



YES, WE WANT TO PARTICIPATE.  
PLEASE SEND US MORE INFORMATION!

Q&A:

We are a University. Can we initiate a registration?

*Yes, just fill in your name and email below and we will help you with appropriate City contacts.*

We are a City and have very limited resources. How much time will this take from us?

*You can expect a total about 4-6 hours of interviews and meetings. You are of course welcome to participate more but it is not necessary. The students will do most of the work, in total about 250 hours.*

We are a third party organization/company. Can we initiate a registration or maybe sponsor UIDC?

*Yes, we will help you find contacts with University and City officials.  
Just fill in your name and email below.*

Name \_\_\_\_\_

☐ City \_\_\_\_\_

☐ University \_\_\_\_\_

☐ Other org. \_\_\_\_\_

Phone \_\_\_\_\_

E-mail \_\_\_\_\_

*Please check the appropriate box for your non-binding interest above.*

*NOTE: Registration must be filed on or before May 31, 2018.*

