November 2018 eNewsletter

City of Albany and GA Smart Host Engagement Workshop

On Tuesday, October 30, the City of Albany, along with a team from Georgia Tech hosted a day-long engagement workshop in Albany as part of the Georgia Smart Communities Challenge.

What is a "Digital Twin"

A digital twin is defined as a .. "pairing of virtual and physical worlds [that] allows analysis of data and monitoring of systems to head off problems before they occur, prevent downtime, and even plan for the future of using simulations." (Forbes, 2017)

As such, a digital twin's potential in improving urban operations, efficiencies and resilience are far-reaching. The is a great deal of interest in Smart City Digital Twins in academia, industry and government.

Georgia Tech's School of Civil and Environmental Engineering and the Smart Cities and Inclusive Innovation Initiative hosted a Smart City Digital Twin Summit on November 2 to share ideas, identify synergies and opportunities, and discuss how through combined efforts they can establish a leadership role in the formation and development of this new interdisciplinary field of inquiry.

GA Smart Webinar #1

Heaven or Hell? The Impact of Autonomous Vehicles on Urban Form
Ellen Dunham-Jones, Director, MS in Urban Design

View the webinar slides here.
View article here.

In the News......

[North Avenue Smart Corridor Wins Mobility Award at the Smart Cities World Congress](#)

[Law Enforcement Stress Tests New Emergency Response Tech in Georgia](#)

[One Year Later: North Avenue Smart Corridor](#)

[Georgia Smart Communities Challenge Kicks Off in Albany](#)

[Connecting Smart Cities with Smart Schools](#)

[Albany Named a Georgia Smart Community](#)

[The Strangest Form of White Flight](#)

[Georgia Lawmakers Grapple with Rural Broadband, Right-of-Way Rules](#)

[The New Boom Towns: Why More People are Relocating to "Secondary Cities"](#)

[Michael, Irma, Matthew: Three Years of Storm Damage Test Georgia](#)

[Georgia Tech Collaborating with Students for Technological Innovations](#)
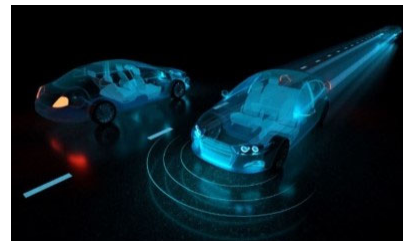
[States Seek Their Place in "Smart"](#)

Featured Upcoming Event:

How Driverless Cars Will Change The World

December 12, 2018

TSRB Auditorium
85 5th Street NW
Atlanta, GA 30308

Newsweek and the Georgia Institute of Technology are sponsoring a seminar, How Driverless Cars Will Change The World, which will bring together experts from academia, city governments, Silicon Valley, and elsewhere to discuss how to bring about the future we all want!

More information and the registration link can be found [here](#).

Other Upcoming Events...

12/4 - [Re Designing Cities: The Speedwell Foundation Talks](#)

12/7 - [Smart Solutions Workshop: Technology and Innovation in Cities](#)

2/20-22 - [Smart and Secure Cities and Communities Challenge Expo](#)

4/1-4 - [Smart Cites Connect](#)

4/1-4 - [OceanVision 2019 - Climate](#)

Thank you to our partners:

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We believe all communities can be smart. Through the integration of technology and data, communities of various sizes, geographies, and development can be empowered to improve their quality of life. That is why we have pulled together a cross-sectoral partnership to raise awareness and knowledge, develop networks, and implement smart projects. This monthly newsletter is part of this greater effort!

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