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MSEC SEMINAR AND COMMERCIALIZATION FORUM

INVITED SPEAKER:

**ANDRES CARVALLO**

“THE CONNECTED INFRASTRUCTURE FOR  
EDUCATION, DEMONSTRATION, AND  
APPLIED RESEARCH (CIEDAR)”

**November 22<sup>nd</sup>, 2019**

**1:30 – 3:00 PM**

RFM 3224

**Biography:**

Andres is the founder & CEO of CMG Consulting, LLC, a next generation consulting and advisory firm focus on helping Cities, Utilities, Enterprises, Vendors, and Startups with the strategy, planning, design and architecture of Smart City, Smart Energy, Smart Grid, Smart Networks, Smart Transportation, and Smart Water products/services/projects. Andres is also a professor of Innovation in the College of Science and Engineering, Co-Director of the Connected Infrastructure for Education, Demonstration, and Applied Research (CIEDAR) Program, and a Materials Application Research Center (MARC) Fellow.

Andres has more than 27 years of experience, having held c-level and senior management titles with P&L management responsibilities since 1992, in the Energy, Computer, Telecommunications, and Software industries. Andres is globally recognized by the IEEE as one of the early developers of the smart grid concept and technology.



FOR MORE INFORMATION OR IF YOU WOULD LIKE TO HAVE LUNCH WITH THE SPEAKER,  
PLEASE CONTACT DR. SHANNON WEIGUM AT [SWEIGUM@TXSTATE.EDU](mailto:SWEIGUM@TXSTATE.EDU)

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Andres championed Austin Energy's industry leading smart grid program design and implementation from 2003 – 2010 as their CIO. While at Austin Energy, Andres also co-led over \$ 4 billion in investments into two wind farms, a solar farm, a biomass power plant, a natural gas power plant, roof top solar, a fiber communications network, and smart grid infrastructure. Andres architected the Pecan Street Project as its CTO from 2008 to 2010.

Andres has co-authored the best-selling book “The Advanced Smart Grid: Edge Power Driving Sustainability,” has received 34 industry awards since 2005, and is a popular industry speaker. Andres received his B.S in Mechanical Engineering from the University of Kansas with concentrations in robotics and control systems, and has post-graduate certificates in business, quality, and power management from Stanford University, The Wharton School at the University of Pennsylvania, and the University of Idaho respectively.

Andres Carvallo can be reached on Twitter (@andrescarvallo), through the MARC website ([www.marc.txstate.edu](http://www.marc.txstate.edu)), and by e-mail ([andres.carvallo@txstate.edu](mailto:andres.carvallo@txstate.edu)).

**Abstract:**

Mr. Carvallo’s talk will be focused on his efforts related to the Connected Infrastructure for Education, Demonstration, and Applied Research (CIEDAR) at STAR Park.

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