

Texas State University with the College of Science and Engineering,  
the Ingram School of Engineering, and the Civil Engineering Program

HOST

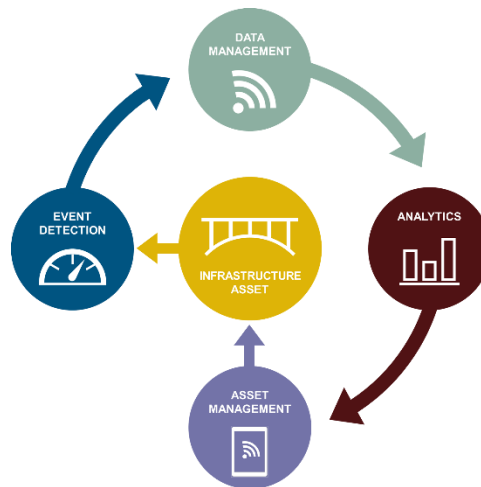
**TEI (Technology Enhanced Infrastructure) Summit**

Thursday, September 5<sup>th</sup>, 2019

Texas State's STAR Park

More Information and Registration available at

<https://512cmg.com/events/tei-summit/>



Representation of Technology Enhanced Infrastructure

This fall, Texas State University will begin offering a Bachelor of Science degree with a major in Civil Engineering (CE). Graduates will have a strong foundation in traditional CE principles, thus preparing them for licensure. Unlike other programs, the curriculum at Texas State was holistically built upon on the concept of Technology Enhanced Infrastructure (TEI). As students progress through the curriculum, they will study device programming, secure data transfer and storage, predictive analytic tools, and application-based maintenance protocols. The primary objective of this innovative undergraduate program is to prepare students to enter the civil engineering workforce with an ability to implement "smart technology" solutions.

The TEI Summit provides Texas State with a venue to formally launch the new Civil Engineering program. It also provides the Texas Civil Engineering profession, and others in the asset management industry, a forum to hear how technology is being applied to the life cycle monitoring and maintenance of civil infrastructure. Lastly, we at Texas State believe we are contributing to the establishment of a new type of civil engineer. This Summit will provide engineering professionals an opportunity to meet students in the first class of Civil Engineers at Texas State.

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For questions or more information contact Dr. John Schemmel, Civil Engineering Program Coordinator  
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**TEI Summit**  
Thursday, September 5<sup>th</sup>, 2019

Agenda

Time	Sessions and Speakers
8:00 - 9:00am	Registration & Networking
9:00 - 9:05	Texas State University Remarks Dr. Gene Bourgeois: Provost and Vice President for Academic Affairs
9:05 - 9:10	College of Science & Engineering Remarks Dr. Christine Hailey: Dean College of Science and Engineering
9:10 - 9:15	STAR Park Remarks Mr. Steve Frayser: Executive Director STAR Park, Co-Director MARC
9:15 - 9:30	Civil Engineering Program Introduction Dr. John Schemmel: Program Coordinator Civil Engineering
9:30 - 9:45	CIEDAR Initiative Introduction Mr. Andres Carvallo: Innovator in Residence, MARC and Adjunct Professor
9:45 - 10:00	Sensors Keynote and Panel Moderator Mr. Brendon Dowdall: CEO Concrete Sensors Inc
10:00 - 10:45	Sensors Panel Discussion
10:45 - 11:00	Break
11:00 - 11:15	Data Management Keynote and Panel Moderator Dr. Caleb Phillips: Data Mgt, Analysis and Visualization NREL
11:15 - 12:00	Data Management Panel Discussion
12:00 - 1:00pm	Lunch
1:00 - 1:15	Analytics Keynote and Panel Moderator Igor Alvarado: Academic Business Development Manager National Instruments
1:15 - 2:00	Analytics Panel Discussion
2:00 - 2:15	Break
2:15 - 2:30	Asset Management Keynote and Panel Moderator Mr. Marcus Quigley: CEO Ecolucid
2:30 - 3:15	Asset Management Panel Discussion
3:15 - 3:30	Break
3:30 - 4:00	Infrastructure Assets Keynote 1
4:00 - 4:30	Infrastructure Assets Keynote 2
4:30 - 5:30	Networking with Students