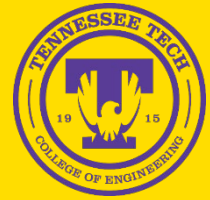


2018 New Faculty Research Seminar Series



Survey of Embedded Computer Systems Research



**Presented by JW Bruce, Ph.D., Associate
Professor, Electrical and Computer Engineering**

Abstract: Computer components and systems are embedded into nearly every facet of modern life. For continued success and growth, computing systems must be characterized as accurate, reliable, trustworthy, connected, and poised for the future. Join us as he

describes his career of electrical and computer engineering research and highlights these characteristics in diverse modern problems including integrated circuit design, sensor networks, integration of unmanned aerial vehicles into the national airspace, and quantum computing. Finally, Bruce will share a few of his results in engineering education research.

About the Speaker: Bruce earned his Ph.D. in electrical engineering from University of Nevada Las Vegas in 2000. He comes to Tennessee Tech from Mississippi State University where he served on faculty for 18 years. He has published more than 50 technical publications, one book chapter, and two books, and served as the major advisor for more than 30 students. Bruce is nationally recognized as an innovator in engineering education and known for his energetic style.

**Wednesday, Nov. 14, 2018, 4:30 to 5:30 p.m.
Prescott 225**

**For more information, visit
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