



## Dr. Miguel A. Vicente

Associate Professor

*Department of Civil Engineering  
University of Burgos (Spain)*

Visiting Researcher

*Department of Civil Engineering  
Saint Louis University*

# CIES Seminar

2:30 P.M. | FRIDAY, APRIL 27 | 121 CIVIL ENGINEERING

Dr. Miguel Vicente will present: **“Building Bridges Between Engineers”**

During the last 20 years, Prof. Vicente has collaborated with several engineers from other disciplines (aeronautics, mechanics, etc.) in collaborative projects. The seminar will show some of the most interesting projects undertaken and how civil engineers can learn a lot about the know-how of other engineering disciplines, and vice versa.

Dr. Vicente is interested in exploring international collaborations in the following research areas:

1. Fatigue of concrete, both small specimens and structural elements.
2. Fiber-Reinforced Concrete (steel, plastic, glass, carbon, etc).
3. The use of CT-Scan technology to analyze the internal microstructure and the correlation with the macroscopical response: crack patterns, air-entrained concrete, fiber orientation and distribution.
4. Structural health monitoring and in-field instrumentation.

**PRESENTED BY**  
Center for Infrastructure Engineering Studies  
573-341-7884 | [cies.mst.edu/seminars](http://cies.mst.edu/seminars)

**BAGELS AND  
COFFEE WILL  
BE PROVIDED**

MISSOURI  
**S&T**