Innovative use of FRP for Precast Concrete

Speaker: **Dr. Sami Rizkalla**  
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**Presentation description:** Innovative use of FRP for Precast Concrete  
The presentation discusses some of the emerging developments and established applications related to the use of Fiber Reinforced Polymers (FRP) materials in the precast concrete industry. The presentation focuses on the innovative use of FRP materials in several selected precast technologies including double-tee beams, insulated precast wall panels, architectural cladding, precast concrete filled FRP tubes (CFFT), and bridge girders. The unique advantages of the FRP reinforced systems are highlighted and the primary action mechanisms of the FRP materials are presented.

**Location:** Student Union – Building 58 West – Room 3703ABC  
**Date:** Wednesday, February 9, 2011  
**Time:** 12:00 - 1:15pm  
**Questions:** Dr. Adel ElSafty, adel.el-safty@unf.edu, Tel: 904-620-1398