

# BIM SEMINAR FOR THE STRUCTURAL ENGINEER

**Presented by the Pittsburgh Structural Engineering Institute & Autodesk**



**WHEN:** May 5, 2011, *Registration deadline April 28, 2011*  
**WHERE:** Cefalo's, 428 Washington Avenue, Carnegie, PA 15106  
**SCHEDULE:** 5:30pm – Networking Social  
6:30pm – Dinner  
7:15pm – Technical Presentation

**COST:** \$35.00/person, \$20.00/students. Fee is transferable but NOT refundable. Includes dinner.

**CONTINUING EDUCATION:** All attendees will receive 1.5 PDH's

## **PROGRAM:**

### **Brian E Johnson, P.E.- Best Practices for Integrating BIM and Structural Analysis**

Coordinating construction documentation with structural analysis models is a task that structural engineers face on a daily basis. In this presentation we will review some best practices for integrating Revit Structure models with structural analysis and design tools including ways to prepare Revit templates for optimal analysis interoperability, modeling techniques to help eliminate interoperability issues, and workflow processes to streamline production.

### **Tanya West, P.E.- Leveraging BIM to Integrate Civil, Structural and Construction Teams**

Complex construction projects require a coordinated effort of many design and construction professionals that are addressing the various design, analytical and documentation aspects of the project. While many disciplines are beginning to implement BIM technologies to automate their own processes, larger benefit is recognized through an integrated, virtual design and construction process that fosters collaboration. This seminar will focus on the interoperability capabilities of information modeling technologies that is facilitating integrating of the whole team to improve project coordination and drive increases project profitability. It will also highlight how bridge design professionals can work in an integrated modeling environment with land and roadway design professionals.

**To register please go online to [www.asce-pgh.org](http://www.asce-pgh.org)**

or return this completed form with payment by check to:  
**Pittsburgh SEI Chapter, c/o Jonathan McHugh,  
Gannett Fleming, Inc., 601 Holiday Drive, Suite 200, Pittsburgh, PA 15220,**  
Please call or email any questions/inquiries to [jmchugh@gfnet.com](mailto:jmchugh@gfnet.com) or (412) 922-5575  
**Deadline for registration is April 28, 2011**

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**Please register me for BIM for the STRUCTURAL ENGINEER – May 5, 2011  
Feel free to duplicate this form**

Name: \_\_\_\_\_ Position: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_