



# Pre-Conference Training & Conference Presentations

5/14/2012

## Monday, August 6 – Pre-Conference Training (9-5 with box lunch)

- Hands-on Revit Training by Clyne Curtis** (Brigham Young University)  
 The day will feature a hands-on lab (you bring your own laptop and Revit Architecture 2013 installed) on how to set up your campus BIM models with data rich objects to help you maintain your facilities. Learn how to create powerful schedules, custom families for reporting data, create easy to understand, parametric color maps, work with project and shared parameters, build custom tags for reporting room data, and much more! Export your models to Navisworks for even more FM functionality. Your campus models should be more than just pretty pictures!  
 \*Attendees can download a 30-day trial of Revit Architecture 2013 at [www.autodesk.com](http://www.autodesk.com)
- Hands-on GIS training by ESRI – GIS mapping on your campus and in your buildings**  
 The day will explore campus basemap construction, interior space and exterior feature mapping, web app development, and other resources to help you integrate GIS across your campus.

## BIM (Building Information Modeling)

- Harness the power of BIM with 3D laser scanning – Glenda Mayo (Univ. of Western Florida) & Mark Hanna (PrecisionPoint)
- BIM requirements from Owners – the good, the bad, the ugly – Ed Jerdonek (Lockett & Farley)
- Journey to BIM-powered Decision-Making – Joe Porotstky (Ohio State Medical Center) & Brian Skripac (DesignGroup)
- NavisWorks construction/clash detection and 3D FM – RAND
- VDC Deliverables: Turning BIM into SOP (Standard Operating Procedures) at a construction company - Jonathan Ammon & John Myers (Gilbane Building Company)
- Manage the Data of BIM & CAD outside of BIM & CAD – Cyril Verley (CDV Systems)
- Begin with the End in Mind – A guide for Successful BIM / Lifecycle Integration – Chuck Mies (Autodesk)
- COBie – title to yet be named – Rich Mitrenga (Autodesk)
- Streamlining the BIM integration process for Penn State Facilities – Craig Dubler & Collen Kasprzak (Penn State)
- BIM Lessons in Process: Incorporating Deliverables into Standard Project Practices – Kevin Stipp & Mike Alder (Pepper Construction)
- BIM to FM & GIS: Bringing Facility Lifecycle Data Commissioning to Denver International Airport – Dennis Rodriguez (Denver International Airport) & Daniel Stonecipher (IMMERSIVx)
- BIM for Facilities Management at USC – Jose Delgado (USC) (tentative)
- How Indiana University is using BIM on a new Neurosciences Research Building project – (tentative)
- Birds of a feather – BIM**

## CAD

- CAD Productivity Tips and Tricks/CAD Manager – RAND

## CAFM (Computer-Aided Facility Management)

- Space Planning and NCSU – Bishop Bettini (ideacode) and NCSU
- Revit integration with CAFM using FM:Systems at Xavier University – Andy Burg (Messer Construction)
- MIT and Revit/CAFM integration using Archibus – Mike Parkin (MIT)
- How Indiana University is leveraging their CAFM data, and using COBie to import rooms – Tim Hansel & Julie Stines (Indiana Univ.)
- How Archibus is being used for Higher Education – RAND (tentative)
- Birds of a feather – CAFM**

## CMMS (Computerized Maintenance Management Systems)

- The Hard Economics of Sustainability: Leveraging Technology to Benchmark and Track Utilities Consumption Costs - AssetWorks & higher ed institution to yet be named (tentative)

## Document Management

- Managing your drawings and BIM models - document management – ACAD plus & higher ed customer

## GIS (Geospatial Information System)

- 3D Interior building routing from 2D CAD source drawings – Aaron Cheuvront (Univ of Washington)
- Enterprise GIS Development for the Architect of the Capitol – a Use-Case-Based Approach for Data Sharing and Transparency - Chris Smith (Architect of the Capitol) & Joe Lacombe (Woolpert)
- CAD to GIS translation/automation - Aaron Cheuvront (Univ. of Washington)
- GIS – lessons learned in 3 generations of interfaces - Bishop Bettini (ideacode)
- Building a campus ArcGIS flex and mobile map applications for IU – Justin Peters (Indiana University)
- Transformation through Asset Management Best Practices – John Przbyla (Woolpert)
- Using the ESRI arcGIS Campus Basemap and Editing Templates – Mark Stewart (ESRI)
- Techniques for Managing Facilities and Assets Using ArcGIS Server – Chris Walls (39 Degrees North) & Joe Serwinski (Facilities Survey, Inc.)
- Interior wayfinding via GIS at MIT – Mike Parkin (MIT)
- Unwrapping the possibilities with the Integration of Mobile Lidar – Cindy Candler & Andrew Harrison (Schneider Engineering)
- **Birds of a feather – GIS**