

The Arch Way



The Newsletter for Friends of Archway Systems

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Upcoming Events:

- Jan 18-19** — SoCal Bentley Bash @ Rio Hondo CC in Whittier, CA
Mar 12 — SCBUG Meeting in San Diego
Mar 13 — SCBUG Meeting in Los Angeles
Mar 14 — SCBUG Meeting in Irvine
Apr 23 — AECOSim Energy Simulator Webinar with Dr. Dru Crawley
May 13-16 — Be Together Conference in Philadelphia, PA

Southern California Bentley User Group Meetings

In March, the Southern California Bentley User Group will be holding three meetings across Southern California: one in San Diego, one in Los Angeles, and one in Irvine.

On **March 12th**, the SCBUG will be in **San Diego** at Rick Engineering (5620 Friars Road) from **6-8pm**. To RSVP, please contact Brian Laird at bplaird@rickengineering.com.

On **March 13th**, the SCBUG will be in **Los Angeles** at Hatch Mott MacDonald (111 Universal Hollywood Drive, Ste 2100, Universal City, CA 91608) from **6-8pm**. To RSVP, please contact Angela Snider at angela.snider@hatchmott.com.

On **March 14th**, the SCBUG will be in **Irvine** at HDR Engineering (3230 El Camino Real, Ste 200) from **6-8pm**. To RSVP, please contact Marc Miller at marc.miller@hdrinc.com.

These meetings will all cover the same topic, presented and demonstrated by Rick Engineering: **How Laser Scanning can be leveraged with Bentley's tools in MicroStation and Descartes**. This topic is great for those interested in learning about how laser scanning and point clouds are relevant for the future of design, and how Bentley's software can help take you there.

If you do any work with laser scanning and point clouds, this will be a meeting that you do not want to miss. For more information, contact Archway or check out the User Group's [Website](#).

Southern California Bentley Bash 2013

The annual Southern California Bentley Bash 2013 is here! On **January 18-19**, at Rio Hondo Community College Archway Systems and the Southern California Bentley User Group are hosting a **free** weekend of training seminars and hands-on workshops for you to get up to date with Bentley software and network with other Bentley users like yourself.

There will be morning and afternoon sessions on **Saturday**, with a **Friday** afternoon session as well. Lunch is provided for **free** on Saturday, and there are prizes to be won! Also you don't want to miss our keynote speaker this year, **Scott Lofgren**, Global Director of BeCareers at Bentley. He will be a great addition to this Bentley Bash, and you will want to hear what he has to say.

Just like each year before, we are bringing you the best instructors to give you the best possible learning experiences. This year we are featuring topics including **Pointools** (with a live scan!), **MicroStation**, **ProjectWise**, **AECOSim Building Designer**, **WaterGEMS**, **SewerGEMS**, **Rail Track**, and more. Within these topics, there are options for everyone, no matter your skill level. There are over 10 classes to choose from in each session on Saturday, and 5 on Friday afternoon.

Sign up today! Because of demand we have just added two new MicroStation classes! Don't wait! Classes are filling up fast. Contact Archway today with any questions or for more information about the Bash!

Bentley StudentCenter Videos

Be Careers has put together many helpful videos available to you free on the [Bentley Systems StudentCenter YouTube channel](#). These videos include introductions and tips for many different software including InRoads, Navigator, Maxsurf, WaterGEMS, StormCAD, MicroStation, and more.

More videos are always being added, so be sure to bookmark this YouTube channel for whenever you need a quick tip!



Who's Who at Archway Systems

Tom Lazear	Administration, Sales & Training	Linda Grubb	Sales Manager
George McMeans	Sales & Training in Nor. Cal.	Josh Lazear	IT Specialist
Mike Lazear	Programming & Support	Daniel Lazear	Sales
Sandy Lazear	Accounting	Lauren Jansen	Marketing & Sales
		Shannon Schoenberger	Marketing

REPORT

Bentley Named "Company of the Year"

Bentley Systems has recently been named "**Company of the Year**" at the Construction Computing Awards 2012 (also known as The Hammers)!

The Construction Computing Awards "showcase and reward the technology, tools and solutions for the effective design, construction, maintenance and modification of commercial buildings, residential and social housing and civil engineering projects of all sizes" according to their [website](#).

In Bentley's press release, David Chadwick, editor, *CAD User* and *Construction Computing-UK*, is quoted that Company of the Year Award "recognizes an organization for outstanding achievement in software for designing, building, and/or operating infrastructure. This year's winner, Bentley Systems, was selected by our readership for its commitment to and advancements in information mobility across the many disciplines that participate in sustaining infrastructure throughout its lifecycle."

On top of this great award, Bentley was also honored in other categories, winning the **Building Services Product of the Year** category for their AECOSim Building Designer software. This product was recognized for its "provision of information-rich multidisciplinary models for the



Bentley accepting their award at the Construction Computing Awards in London

design, simulation, analysis, and documentation of buildings" according to Huw Roberts, Bentley vice president of core marketing. The category acknowledges which products facilitate the implementation of MEP, how easy it is to use, if it allows for modeling, schematics, and load calculations and how it integrates with other software.

The other categories Bentley was honored in were as runner ups in:

- **Construction Computing SuperBrand of 2012**—This category asked who the super brand of construction technology is? Which company has gone above and beyond to establish a brand identity in the industry and has adopted the widest variety of media for their marketing campaigns. Which company's marketing campaign(s) has

established the most innovative means of communicating in the construction technology sector?

- **Mobile Technology Product of the Year for the Bentley Navigator for the iPad**—This category acknowledges the product, hardware, software or system has made working, on the move or on site, easier and the product or service that uses mobile technology to bring something new to the sector.

- **Structural Design Product of the Year for STAAD.Pro with STAAD Foundation Advanced**—This category recognizes which products do the best at accurate design of overall products and individual joints, whether working in steel, concrete or other materials. It acknowledges those products that do that best, are easy to use and work well with other packages.

The Construction Computing Awards are voted on by the readership of *Construction Computing*, the only UK magazine to focus on IT solutions for the construction industry.

Overall, this is a great achievement for Bentley to be recognized by the industry as a great company moving forward. We are looking forward to another great year with Bentley in 2013!

Training Class Schedule

Archway offers a variety of training classes using the latest of each software. All classes use certified materials and are held from 8:30AM to 5PM. Locations: Huntington Beach training center (**HB**), S.F. Bay area (**BA**), and Phoenix, AZ (**AZ**). Classes can be delivered on-site and online. Call or email Archway or visit LearnMicroStation.com for the latest class schedule.

Upcoming MicroStation & Other Bentley Classes

- **MicroStation Essentials** — This course is designed for the new MicroStation user and builds a solid foundation in the concepts, tools and features found in the MicroStation drawing environment. Cost is \$1600. Location: **HB**
 - ◊ **HB Dates** — 1/22 to 1/25; 3/5 to 3/8; 3/26 to 3/29; & 4/16 to 4/19
- **MicroStation for AutoCAD Users** — This course is specifically for experienced AutoCAD users wanting to transition their CAD knowledge to MicroStation skills. Cost is \$1350. Location: **HB & BA**
 - ◊ **HB Dates** — 2/6 to 2/8; 3/20 to 3/22; & 5/1 to 5/3
 - ◊ **BA Dates** — 1/28 to 1/30; 2/25 to 2/27; 3/18 to 3/20; 4/22 to 4/24; & 5/28 to 5/30
- **MicroStation User Update** — This course covers all of the major new capabilities of MicroStation V8i in a series of hands-on exercises. Students will learn about Workflow Task based interfaces and Project Explorer among other topics. Cost is \$950. Location: **HB**
 - ◊ **V8 XM to V8i SS2** — 1/31 to 2/1; & 3/14 to 3/15
- **MicroStation Everything 3D** — In this course, users will navigate and work in a 3D design file, create and edit 3D geometry in MicroStation, create parametric 3D models and develop a basic knowledge of the rendering capabilities of MicroStation. Cost is \$1800 Location: **HB**.
 - ◊ **V8i SS2 Edition** —
- **MicroStation for Advanced Users** — This course is for the experienced MicroStation user and focuses on improving user and work-group productivity. Cost is \$1200. Location: **HB**
 - ◊ **HB Dates** — 2/13 to 2/15; & 4/24 to 4/26
- **InRoads Fundamentals** — This class is to introduce civil engineering designers to InRoads software for road design projects. Cost is \$1500. Location: **HB**
 - ◊ **HB Dates** — 2/26 to 3/1; 4/2 to 4/4
- **AECOSim Energy Simulator** — This course takes you through the AECOSim Energy Simulator software interface and shows you how to create an Energy Model using the Data managers and the modeler. Cost is \$1500. Location: **HB**
 - ◊ **Dates** — 1/22 to 1/24; & 4/23 to 4/25
- **AECOSim Building Designer Essentials**— This course helps you get started with the basics of the software, working in 3D and using BIM themes and workflows. Cost is \$1000. Location: **HB**
 - ◊ **Dates** — 3/19 to 3/20
- **AECOSim Building Designer Architecture**— This course is designed to help users understand the Architecture features available in AECOSim Building Designer. Cost is \$1500. Location: **HB**
 - ◊ **Dates** — 2/26 to 2/28
- **AECOSim Building Designer Structural Framing** — This 4 hour course is designed for users to learn fundamental BIM functionalities in order to model and modify structural framing. Cost is \$250. Location: **HB**
 - ◊ **Dates** — 2/5; & 4/9
- **AECOSim Building Designer Structural—Walls, Slabs & Foundations** — This 4 hour course is designed for users to learn fundamental BIM functionalities in order to model and modify structural walls, slabs & foundations. Cost is \$250. Location: **HB**
 - ◊ **Dates** — 2/5; & 4/9
- **Intro to AECOSim Building Designer-Structural Framing, Walls, Slabs and Foundations**— This course allows the user to use the software to model and modify structural framing, walls, slabs and foundations. Cost is \$500 Location: **HB**
 - ◊ **Dates** — 2/14
- **Intro to AECOSim Building Designer-Floor, Structure, Core and Roof Modeling** — This course allows the user to use the software to model and modify floors, structures, cores, and roofs. Cost is \$500 Location: **HB**
 - ◊ **Dates** — 2/12
- **AECOSim Building Designer Mechanical—HVAC** — This 4 hour course allows users to learn the basic tools of BIM Mechanical models including placing and modifying duct and diffusers. Cost is \$250. Location: **HB**
 - ◊ **Dates** — 2/20; & 4/2
- **AECOSim Building Designer Mechanical—Fittings and Devices** — In this 4 hour class you will learn to place and modify fittings, takeoffs and inline devices. Cost is \$250. Location: **HB**
 - ◊ **Dates** — 2/1; & 3/28

Upcoming Rhino Classes

- **Rhino I** — In this class you'll learn to create and edit accurate free-form 3D NURBS models. This fast-moving class covers most of Rhino's functionality, including the most advanced surfacing commands. Cost is \$695. Location: **HB**
 - ◊ **Dates** — 1/28 to 1/30; & 3/26 to 3/28

AECOSim Energy Simulator Webinar with Dr. Dru Crawley

On **Tuesday, April 23rd**, from **9am to 12noon PST**, Dr. Dru Crawley will be presenting a webinar on AECOSim Energy Simulator. Since Dr. Crawley was not available to attend and teach a session at the Bentley Bash, he has graciously agreed to provide this webinar for those interested in AECOSim Energy Simulator.

In this webinar you will learn the fundamentals and advantages of Bentley's AECOSim Energy Simulator. This webinar is recommended for energy engineers, mechanical engineers, energy modelers and anyone else interested in building energy modeling.

In this webinar you will learn how to:

- Create a new project
- Navigate the easy to use interface
- Import a BIM model and use a 2D CAD file to build the energy model
- Create the ASHRAE 90.1 baseline buildings
- Enter detailed data including building, site, weather and room information
- Zone the energy model
- Create, modify and apply HVAC systems graphically using Energy Plus components

And so much more! All packed into a three hour webinar! You do not want to miss out on all that Dr. Crawley has to teach. He is one of the best resources in energy modeling because of his work for the DOE's EnergyPlus project. Contact Archway today to register for this amazing opportunity!

Is Your SELECT Current?

Is your SELECT current? You don't want to miss out on the features that only SELECT can give you. First, you have the all around benefits which include **24/7 support** and the **latest versions** of all of your Bentley software.

Also, if you are on SELECT, you can take advantage of the **Portfolio Balancing** program. This program allows you to trade in seats of a product that you no longer need for another Bentley product. For instance, if you have five seats of MicroStation, but only need two, you can trade in those extra three seats for two seats of InRoads because of price. This is an annual program based on your SELECT renewal date, and is available to all who are current on SELECT.

If you are not current on SELECT, contact Archway today to get up to date. With all of these great benefits, you don't want to fall behind. What are you waiting for? Contact Archway today!

Be Together Conference 2013

The new year is upon us! And with the new year comes more great things from Bentley. If you want to learn all about the latest and greatest in Bentley software, you have to be a part of the Be Together Conference in **Philadelphia, PA, May 13-16**.

With the LIVE Zone, where you can test drive Bentley software and ask experts for help, and many workshops, seminars, tips and tricks, and great networking opportunities, this is not an event you want to miss out on!

Details and registration will be available soon, so keep checking Bentley's [website](#) for the latest details.

Archway's Product Line

Archway is a full service provider of technical software serving the Academic, Architectural, Civil and Mechanical Engineering markets.

DESIGN & ENGINEERING SOFTWARE:

- MicroStation, ProjectWise and applications
- VersaCAD Win & Mac
- AECOSim Building Designer & Generative Components
- InRoads, PowerCivil & Geopak Civil Software
- Haestad Hydraulic Analysis Software
- AECOSim Energy Software
- Solid Edge and applications
- Promis*e
- Pointools Edit and applications

SERVICES:

- Training
- Phone support
- On-site support
- Customizing
- Consulting
- Contract software development
- CAD file translation

3D GRAPHICS & ANIMATION SOFTWARE:

- Rhino 3D, Flamingo, Penguin & Bongo
- Bentley ProjectWise Navigator
- ArchVision libraries

Archway Training Center

Checkout the training classes on page 3. Classes for every need for MicroStation, Haestad, InRoads, STAAD.Pro, RAM, Rhino, Solid Edge and VersaCAD. Increase your design productivity. If there is not a class listed to fit your needs, call us and let us come up with a custom solution for you.

MyCADvideos.com

Checkout this site for free introductory videos and one hour webinars on the latest in CAD, FEM, and more.