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ARCH WAY

The Newsletter for Friends of Archway Systems

Volume 16

May 07

Number 2

Upcoming Events:

April 29-May 3 BE Conference LA Conv Ctr

Bentley BE Conference 2007 in L.A.!

Get all your questions answered and register:

www.be.org Note Public Catalog below registration.

**If you can only attend one event this year, make sure it is the BE Conference to be held at the L.A. Convention Center between April 29 and May 3, 2007. Benefits of attendance include: great food, entertainment, and networking at two evening receptions plus the BE Awards Gala & Dinner; keynote speeches from top names in the industry, see latest technology in the exhibit hall or take any of the nearly 400 top notch training sessions, all right here in L.A.

**Be sure to stop by the Archway Systems, Inc. booth. See you there!

Water Modeling News

www.watermodelingsoftware.com The latest website for information about modeling water, stormwater, or sewer systems. Signup for the blogs and newsletter.

MyCADvideos.com

Interested in Civil, Architectural or general CAD? Checkout myCADvideos.com to see short demos of products like: Haestad WaterGEMS, Bentley InRoads, STAAD Pro finite element modeling, AutoPIPE, and Generative Components, or checkout longer webinars including: an overview of all Haestad products or MicroStation V8 XM Edition. New videos are being added every week. Let us know if there is one you would like to have added.

CAD Society Awards at COFES

The CAD Society made several awards at the annual COFES conference held this year in Scottsdale AZ April 12-13. Jay Sunyogh, Architecture and CAD professor at Rio Hondo College in Whittier was named the national Leader of the Year in Education for his work with L.A. inner city students.

EAST Conference a Success

Archway conducted six sessions and manned a booth at the recent EAST Conference held in Hot Springs AR. Over 1500 attendees viewed the 150 booths manned by high school students. In Addition, Archway judged student contests in MicroStation, Solid Edge and VersaCAD. EAST is providing a great service in improving technology education for schools in seven states.



Josh Pope, Alecia Patton and Ashton Callaway, SEABEC an EAST school in Warren AR show MicroStation work.

Rhino 4.0 Released

Rhino 4.0 is shipping with 200 new features including: improved mesh handling, better rendering, better drafting and updated translators. Special upgrade pricing good until June: only \$295. After that it jumps to \$395. Rhino Level I class coming up June 12-14. Covers the Rhino NURBS basics.

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Who's who at Archway Systems

Arlene Black	Admin and sales
Leah Spitler	Civil engr software support
Tom Lazear	Admin, sales and training
George McMeans	Sales & training in Nor. Cal.
Mike Lazear	Programming & support
Erik Wordal	Training in Cal coastal

Rick Plummer	Mftr consultant and sales
Josh Lazear	Webmaster & programming
Greg Hamano	Support & training
Sandy Lazear	Accounting
Linda Grubb	Support & admin

REPORT

What to see at the BE Conference in L.A.

To get the maximum benefit from BE it is essential to do some upfront planning. Here are some thoughts to help:

The training sessions are excellent and provide an opportunity to get trained on nearly every one of Bentley's 150 or so products at the 400 or so sessions ranging from one hour to all day. But, you need to register early or you will miss out, as the classes fill up quickly. Go here first, before you even register, to make a list of what classes you want to attend.

www.be.org then click "public catalog" below the registration button.

If you know which specific Bentley products or subjects you want to learn, you can use the search box at the top of that page to search for just your classes. So, for example I searched on Building Information Modeling appearing in the Title. No hits. So, I redo the search on Abstract. Wow, I got well over 100 hits. But, alas, it brought up courses with only modeling in the abstract or only building, etc. So, I searched again, this time with BIM in the title (I noted that abbreviation was being used). And, now I got a list of about 20 which was quite workable, and I made a note of which classes I wanted, in priority order. But, I also want to take a classes in InRoads, PowerMap and some of the Haestad products. So, first I did a search on InRoads in the title and got a list of about 50 courses. Again, I made my list in priority order. Then, I tried Haestad in the body. Only two courses, but, one of them is a talk by the Director of Bentley Geospatial Municipal and Mapping products and I sure don't want to miss that one! Finally, register at www.be.org and you will see a page with what you owe (or paid) and a line under that says "Schedule Sessions... Edit". You can then use the Automatic scheduler where you choose classes and assign a priority. It will place the classes on your schedule!

Well, you get the idea. It takes a little work, but, the tools are there on the website to help you sign up for as many classes as you can get into. You will learn a lot if you do. Then, there are the other aspects of the BE Conference which are equally beneficial. There will be a well known, excellent speaker (I don't know who just yet) and all the Bentley leaders will deliver keynote addresses. They always share the latest in Bentley thinking and share their roadmap for future products. Be sure to attend all the keynotes.

And, there is the exhibit hall. That is always good too. Bentley will have a huge booth themselves with experts in

many of the products at the podiums, demonstrating the product for which they are responsible. You have a great opportunity to make a list of questions before you go, then go to the right podium and ask them lots of questions and ask them to show you. You get private, specific training right there!

While you are in the exhibit hall, be sure to lookup the Archway Systems, Inc. booth. We will be talking about training we offer and about our new application that runs on top of MicroStation or PowerDraft for design and manufacture of steel stud walls. You can read about it in a different article in this newsletter.

Then, there are the evening events. Those are really great. Bentley always has topnotch snacks at the receptions and a great dinner at the awards banquet. And, at the awards banquet, which will be chaired by the Publisher of ENR magazine, you will see the winners of this year's BE Awards. Many of the leading infrastructure companies of the world. You can checkout some of the prior year awards by going to www.be.org then, click on the BE Awards video on the right side. I'll be there in a tux as I was a judge this year.

Oh, and what about costs. Well, the regular price is \$600 for registration, and \$995 for "all you can eat" of the training sessions. So, plan on being there all five days to maximize your benefit from that. Believe me, the cost is very reasonable for all you get, if you take advantage of everything. Now, there is a break for companies and schools with SELECT. Those folks have the registration fee waived, so your cost is just the price of the training sessions. If you are as convinced as I am of what a great deal this is, just use the URL below to register (have your SELECT ID and Password handy if you have SELECT):

www.be.org then see the registration button.

If you are still not convinced, go to this website for the top ten reasons to go to to the BE Conference at the L.A. Convention Center, April 29 to May 3.
<http://www.be.org/en-US/BE+Conference/Top+Reasons+to+Attend/>

Each SELECT school gets one professor in for free. But, if there are additional instructors or students that would like to go, please give us a call and we will help you all we can.

See you at the BE Conference ☺

Training Class Schedule

Archway offers a variety of training classes using the latest of each software. Classes are 1 to 4 days in duration and cover subjects in depth using certified materials. All classes are 8:30 am to 5 pm. Locations: Huntington Beach training center (**HB**) and S.F. Bay area (**BA**). Classes can be delivered on-site and online. For latest Bentley courses, see also: <http://www.bentley.com/en-us/training/>

Upcoming open enrollment classes:

MicroStation V8 XM Edition User Update – 2 day covers latest new features from V8 thru XM. Course includes a book and instruction. Cost is \$800. HB: TBA

MicroStation V8 XM Edition Admin Update - 2day class covers V8 XM install, configure, customize etc. \$800 includes workbook and instruction HB: Apr 17-18.

InRoads Roads 101- This is a Bentley certified, 3-day class using Bentley's InRoads 8.5 training manual. Cost is \$1350 including course book and instruction. HB: Apr 3-5

Moving to MicroStation- Covers the basics of MicroStation 2D for persons who know another CAD. This is a good first class in Bentley's certified course series. Cost is \$1050 HB: May 8-10.

MicroStation Essentials. Even deeper than Moving to MicroStation, this four day class is basic for new users. Cost is \$1400 HB: May 22-25.

MicroStation Basics. A quick, 2 day course in MicroStation 2D that is tailored to a discipline, e.g. Civil, Architectural or Plant. Cost is \$700 HB: TBA.

ProjectWise StartPoint Quickstart. A 2 day course in how to install, configure and use StartPoint in combination with Microsoft SharePoint. HB: \$1000. TBA

VersaCAD/solidThinking Quickstart- Learn VersaCAD basics plus new translator and Library manager. Then, learn how to move files to solidThinking and create 3D models. Two-day class, \$495 HB. TBA

Solid Edge Basics - The goal of this 4 day course making the student ready for productive work with an introduction to Part, Assembly, Draft and Sheet Metal modules of Solid Edge. At \$1200 this is a very cost-effective and quick way to get started in Solid Edge. HB: TBA

VersaCAD 2006 Windows update- Covers all the changes in VersaCAD 2003 thru 2006. One-day class includes workbook, lunch and computer to use. HB: Cost is \$245. Classes available on demand.

VersaCAD 2006 for Mac OSX Update Covers all changes since VersaCAD 2001 plus review of some features. One-day class includes workbook, lunch and use of computer. HB: Cost is \$245. Classes available on demand.

Los Angeles Design Technology Forum

Marty Doscher of Morphosis and Reg Prentice of Gehry Partners are coordinating a series of free seminars at USC for architects and related engineers. The second in the series was presented March 22 by Vladimir Bazjanac, PhD from Lawrence Berkeley National Laboratory. The subject was: "Virtual Building Energy Simulation" on possible use of natural resources for lighting and airflow. He showed software developed to simulate that during the design. To

be on the distribution for future seminars, email general@ladesigntech.org with your contact information.

Steel Stud-Wall Detailing Application

Archway's stud-wall detailing software is now shipping in beta for MicroStation or MicroStation PowerDraft. Starting from a 3D model or 2D elevation of a wall, draw the outline of a wall and with one click, see all the properly placed vertical studs. Insert an opening and see horizontal members automatically created. Indicate where holes are to be cut and the rest is automatic. The software assigns mark numbers to the pieces, draws the detailed wall and outputs numerical control instructions to a new machine by New Tech Framing of Lincoln City OR. The machine actually takes flat steel coil, bends to a C section, cuts pieces to length, punches holes and notches and marks each piece. The field personnel then only have to erect the wall like an erector set. See the software at the Archway booth at BE in L.A.

Archway's new MyCADVideos

Go to <http://mycadvideos.com> for CAD demos. See some of your favorite CAD products.

Bentley Covers the Civil Map

See WaterGEMS in action:

<http://mycadvideos.com/BE/watergems.wmv>

Or, for Structural FEM, see Staad Pro:

<http://mycadvideos.com/BE/STAADpro.wmv>

For surveying, site or road design: , InRoads

<http://mycadvideos.com/BE/InRoadsSuite.wmv>

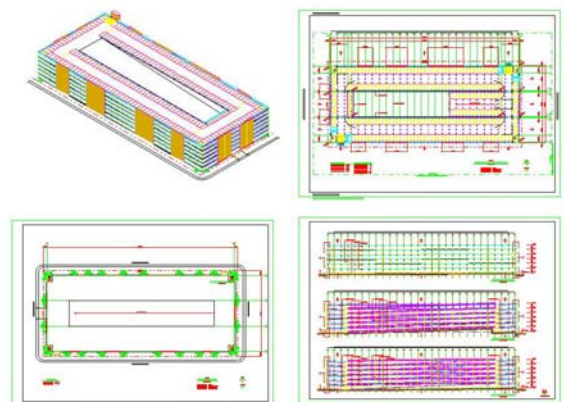
In addition, one hour webinar videos were just uploaded for: MicroStation V8 XM Edition and Haestad products. And, for educators, it is all included in the Bentley Systems' BE Careers program. Mycadvideos.com

Archway Now Offers Projectors

Archway recently signed on with BEN Q as a dealer for their cost effective, good quality computer projectors. BEN Q offers the widest range in the industry with low cost projectors starting at \$749 up to the highest resolution brightest in either LCD or DLP technology. Please include Archway on any RFP for projectors.

Automated Parking Structure Design

See a demo of how this was created at mycadvideos.com:



ARCHWAY'S PRODUCT LINE

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

DESIGN & ENGR SOFTWARE:

- MicroStation and applications
- VersaCAD Win & Mac
- InRoads & Geopak Civil Software
- Haestad Hydraulic Analysis Software
- Solid Edge and applications
- Plassotech finite element modeling
- TransMagic-translation software
- Magics X STL editing software

3D GRAPHICS & ANIMATION SOFTWARE:

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

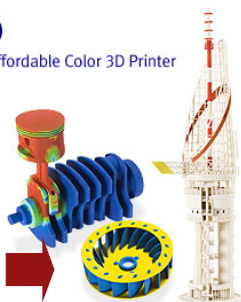
COMPUTER PERIPHERALS

- Z Corp 3D Printers

PRODUCTS

ZPrinter[®]450

World's Most Automated and Affordable Color 3D Printer



\$39,900*

* Manufacturer's Suggested U.S. List Price for Printer only. Options, shipping, local taxes and duties not included.



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SERVICES

- Training
- Phone support
- On-site support
- 3D Printing
- Customizing
- Consulting
- Contract software development
- CAD file translation

Generative Components Release Soon

Generative Components is now a release candidate. This is amazing software developed under leadership of Dr. Robert Aish by a partnership of MIT, Bentley and others. It promises to revolutionize the parametric design of complex structures. For a demo, go to mycadvideos.com

BE Conference

The annual Bentley conference will be at the LA Convention Center this year, April 30-May 3. Mark your calendar and register at: <http://www.be.org/en-US/Be%20Conference/> DON'T MISS IT!!

Z Corp Announces new Z 450

Z Corp recently announced their newest 3D Printer with tons of new benefits: Priced at only \$39,900, it is the lowest priced multi-color, 3D printer on the market. Includes built-in depowdering unit and vacuum to eliminate waste and dust. Suitable for any design or classroom. As easy to operate as a laser printer, requires no special operator training. Z Corp also announced new powder which can use plain water as a binder, making it ideal for the classroom. Let us know if you would like an online webinar or onsite demo or register for one of our upcoming Lunch and Learn sessions. Email

Rick@archwaysystems.com for dates.

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