Archway Systems

Archway Newsletter

SoCal Bentley Bash 2020 - Registration is Now Open!

It's that time of year again! The annual **SoCal Bentley Bash 2020** is taking place at **Rio Hondo College** in **Whittier, CA** on Friday and Saturday, **January 10-11th, 2020!** We will have 3 lecture sessions on Friday morning, followed by 3 hands-on sessions Friday afternoon, Saturday morning and Saturday afternoon.

Come learn about the latest in **MicroStation CONNECT**, OpenRoads Designer, OpenRoads ConceptStation, **ContextCapture**, RAM Structural System and more! Take advantage of lectures like ProjectWise CONNECT, YII 2019 Recap, and **Civil AccuDraw**. Expert instructors from both Bentley and Archway. **Santanu Das**, Senior VP at Bentley, joins us again this year as the keynote speaker on Saturday at lunch (with your chance to win some exciting door prizes!)

And the best part is that it is **no cost to you**! Join us for one session, or all of them - it is up to you! Network with other local Bentley users and learn about the best that Bentley has to offer!
Online registration is open! Online registration will close Monday, January 6th, 2020. **Sign up early to secure your spot in the lectures and workshops you want!**

Register Today!

Report: Digital Twins and Exploding Technology

Looking back at history, recall the big decision in the 1970s was " *Should we do design and drafting on a computer?*" Then, advance ten years, and the decision was " *Should we do design and drafting on a PC or keep it on the mainframe computer?*" The 1990s gave us the question of "*2D or 3D?* " and the 2000s had us all thinking about BIM.

Think about the simplicity of the questions and the length of time we spent on each. Now, step back and look at the explosion of technology applicable to the infrastructure industry:
- **Reality Capture** - tending toward automating much of surveying.
- **Design-in-Context** for BIM in captured context.

- **Simulation** of everything from floods to pedestrian traffic in a subway to auto traffic on super busy streets.
- **Dynamics of Structures** - subjected to hurricanes and earthquakes.
- **Augmented Reality** for analyzing progress on construction projects and training of construction and plant operation personnel.
- Now to "Digital Twins" - **the combination of all that technology**.

How do we learn about it? How do we decide which technology project to take on first and where to invest? One good answer to those questions - come to the **Bentley Bash on January 10-11th, 2020!** You will come way up the learning curve in a very short time and be able to talk with many of the people who are driving the technologies.

Reality Modeling Cloud Service & ContextCapture Cloud Processing Service

For users who have only occasional needs or who want to avoid the cost of ContextCapture perpetual license and SELECT, the new **Reality Modeling Cloud Service** is perfect! You only need the ContextCapture Console which is a small app that can be installed on a desktop PC or on a mobile device.

Photos can be taken on a mobile device or with a high resolution camera. Just drag and drop photos and/or point clouds to Bentley Cloud using the Console. Aerotriangulation and processing are done in the Bentley cloud and then the resultant mesh model is made available for downloading in your choice of formats such as 3mx or OBJ. The speed is very quick compared to traditional processing on the desktop.

The service requires a Cloud Service Subscription (CSS) at $5,000 to cover the costs of four quarters of use where one quarter costs $1,250 - providing 178 processing units. A processing unit is approximately 1Gpixel of photos or 10 million points. **For occasional users, this provides quick startup and quick turnaround for a very good way to create 3D mesh models of existing conditions such as power poles, towers, bridges, or survey.**

Contact Archway for more information or to get signed up for your own Reality Modeling Cloud Service Subscription!

We are a Bentley Platinum Channel Partner - Secure the best prices and service for your Bentley software needs. Buy with us today!

We are an Authorized Bentley Product Training Partner - See our current Class Schedule on LearnMicroStation.com

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