

The AACE International – Delaware Valley & New Jersey Sections Present:



“Reality Capture – How it improves Design and Construction”

Mark your calendars now for January 13, 2016

Construction professionals are being offered ever more powerful high-tech tools promising to revolutionize design and construction. One area of advancement relates to “reality capture”, the process of digitizing the real world for use in design & construction software. This presentation focuses on practical applications of these advances with a focus on the technologies ability to support cost management and project control processes. From hand held sensors to tripod mounted to drone mounted, this presentation will provide an overview of available and coming sensing technology. The objective is to allow construction professionals to parse through technology options and successfully integrate reality capture tools for cost and schedule management into existing workflows.

Presenter: Greg Ralph (Varitronics Systems)

Gregory Ralph is a New Jersey licensed architect and an Autodesk Revit software expert, practicing architecture privately and managing a BIM consulting business.. As the BIM Manager for Varitronics Systems he oversees a team of BIM consultants working on projects from BIM implementation to project consulting to BIM management & coordination. He has been working in the design & construction industry for 10 years and has been very involved in managing laser scanning and as-built modeling in recent years. From 20,000 SF hospital mechanical rooms to 55 SF elevator shafts he has been involved the hands-on process of data acquisition, followed by quality management in the conversion of scan data to 3D models. He is a member of the National BIM Standard – US and has a passion for bringing BIM tools to the industry to better the construction process.

- **Date:** Wednesday, January 13, 2015
- **Time:** 6:00 PM – networking; 6:30 PM – dinner; 7:00 PM - meeting called to order
- **Location:** Doubletree by HILTON Philadelphia Airport (across from the Sheraton), 4509 Island Avenue, Philadelphia, PA (Island Ave and Route 291); call 215-365-4150 for directions. **Parking will be validated at the meeting.**
- **Menu:**
 - Chicken Champagne Boneless Breast of Chicken in a Champagne Shallot Cream Sauce
 - New York Strip Steak in a Peppercorn Brandy Sauce
 - Grilled Salmon with a Pineapple Mango Salsa*Meals include a salad, baked potato, vegetables, and fresh baked apple pie with ice cream and caramel drizzle. Coffee, specialty teas, and/or iced tea will also be served.*
- **Cost:** \$40.00/members and guests; \$35.00/retirees or emeritus members; \$20/college students.

IMPORTANT NOTICE FOR CANCELLATIONS: If you decide to cancel after 1/8/16, you will be responsible to cover the cost the dinner. If a replacement can be found then you will not have to pay, and you will be notified.

RSVP: Please email Ricardo Aviles at riaviles@urbanengineers.com or Keith Shuster kashuster@urbanengineers.com by noon Friday January 8th with menu selection. For more information on AACEI, visit our website: <http://www.aacei-dv.org/>.