

RUGIndy October Meeting 2016

THURSDAY OCTOBER 27TH, 6PM-8PM

Hello Everyone,

We'll be meeting at RUGIndy headquarters, BSA Lifestructures office and PrecisionPoint will be our sponsor and presenter, more info below but before that I want to thank Matt Warren and BSA Lifestructure's for sponsoring and hosting last month! Great supports of RUGIndy!

So back to this months meeting.....PrecisionPoint will be sharing with us the latest in Reality Capture computing for creating accurate existing conditions BIM models from 3D laser scanned point clouds. Topics we will cover will include:

Recap 360 Overview

- Navigation - Point Cloud Panoramic Viewing & Editing
- Work Collaboratively with Project Stakeholders Measuring / Annotating
- Filtering/Decimating pointclouds - Reducing densities to get what you need in Revit.
- Scan Regions: Simplifying the Point Cloud for Revit optimization.
- NEW in v.2017: Viewing 3D design models inside ReCap Panoramic Views
- Export Panoramic Images for project documentation

Revit Reality Capture Workflow:

- Aligning point cloud to project coordinates or Geo-referenced location
- Best Practices for managing large point clouds
 - o File Types
 - o Linking (inserting)
 - o Positioning (coordinates)
 - o Phasing
- Visibility / Graphic for Point Clouds:
 - o Scan Locations
 - o Scan regions
 - o New in v.2017: Enhance Point Cloud Visibility
- SCAN-to-BIM Tips for Modeling As-Built conditions from point clouds

3rd Party Revit Applications

- Edgewise - Automatic Feature Extraction modeling of MEP, Structure & Walls
- Kubit - error deviation mapping
- Point Clouds in Navisworks - clash detection/coordination and navigation

Point Cloud Modeling Standards

- BIM Forum & USIBD Level of Development standards (LOD)
- QC checks for Level of Accuracy (LOA)

Come out and see us at RUGIndy, October 27th 6-8pm. A great user group is only great with great people so PLEASE be great and come see us.

RUGIndy

Our Meeting Sponsor

PrecisionPoint

Mark Hanna, Managing Director

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Meeting Location

BSA Life Structures

9365 Counselors Row

Indianapolis, IN 46240

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Matt Warren

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BSA tells me the doors lock at 6:15

and to direct people to either the south door (Main door, facing the lake with steps) or the West Door. Someone will man the doors for a bit to let people in too.

If you could RSVP, Matt or Nick, for a heads up on how many we should plan for.

Nick Hugley (cell 765-438-3426)

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Matt Warren

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Revit
RUGIndy

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