Welcome to Construction CPM Conference

January 20 - 23 2019

San Diego

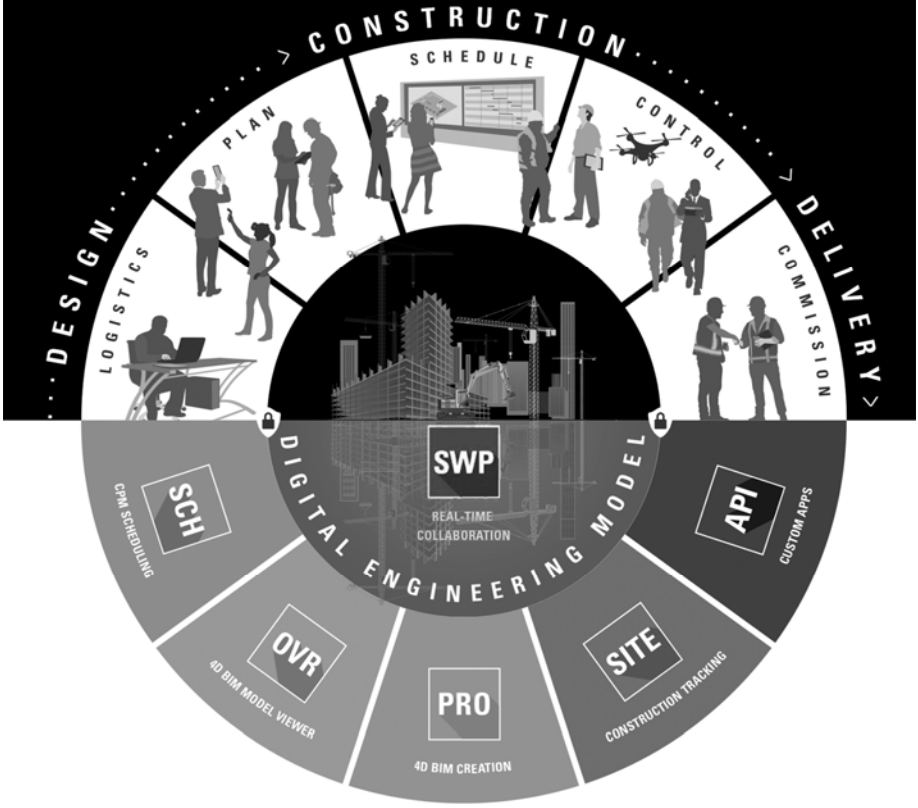
D|R|McNatty
software • professional services • hosting

BETTER PROJECT CONTROL
THROUGH TECHNOLOGY PARTNERING

WEB SERVICES SOLUTIONS
SYSTEM IMPLEMENTATION
DATA INTEGRATION
PROJECT STAFFING
HOSTING

Certified DVBE/SDVOSB
877.367.7990
www.drmcnatty.com

BENTLEY SYNCHRO
4D DIGITAL CONSTRUCTION PLATFORM



Bentley *Advancing* Infrastructure | SYNCHRO SOFTWARE

As of June 20, 2018 Synchro Software is part Bentley Systems. www.bentley.com

Welcome

to the ninth

Construction CPM Conference

A word from our founder:

"Welcome to the only conference where the focus is on maximizing time efficiency in construction projects. Our goal is to provide:

- training in a variety of software products so that you may go home conversant in three or more,
- classes on advanced theory in both planning & scheduling, and extensions in risk, cost, EVM, CAD, BIM, litigation and other bleeding edge topics,
- a place to showcase project success stories with especial attention to lessons learned, and
- an entertaining backdrop for networking and socializing with your colleagues in our field of practice.

The success of our conference is yours. I would like to thank all of our attendees, speakers, exhibitors and sponsors for making this the industry event to support and attend. While we are not technically an organization, your year-round activities creating and contributing to our social media sites make you all members. I have been truly honored to be able to assist our community with your Construction CPM Conference."

Fredric Plotnick

Table of Contents

List of Exhibitors and Sponsors 7-8
Maps of Conference Floor Layout 10-12
Program: Monday 13
Menu by Sheraton 15
Program: Tuesday 16
Program: Wednesday 19
Abstracts: Monday 8:00 – 9:15 am 23
Abstracts: Monday 9:45 - 11 am 23
Abstracts: Monday 11:10 am - 12:25 pm 27
Abstracts: Monday 2:00 - 3:15 pm 30
Abstracts: Monday 3:35 - 4:50 pm 33
Abstracts: Tuesday 8:00 - 9:15 am 37
Abstracts: Tuesday 9:45 - 11 am 37
Abstracts: Tuesday 11:10 am - 12:25 pm 40
Abstracts: Tuesday 2:00 – 3:15 pm 42
Abstracts: Tuesday 3:35 - 4:50 pm 45
Abstracts: Wednesday 8:00 - 9:15 am 48
Abstracts: Wednesday 9:25 - 10:40 am 50
Abstracts: Wednesday 11:00 - 12:15 am 53
Abstracts: Wednesday 1:45 - 3:00 pm 56

See you again
January 19-22
2020
at the B Resort
Disney World Florida

Welcome Reception

Sponsored by

phoenix PROJECT MANAGER

Sunday, January 20th

6:00 – 9:00 pm

Sheraton Front Lawn

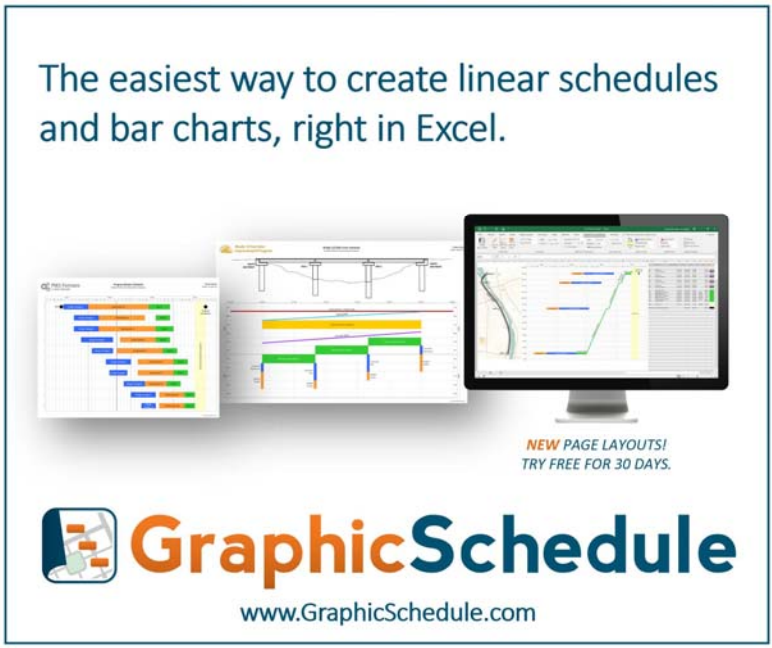
List of Exhibitors and Sponsors

Exhibit Tables		Ad on Page
01	Procore	p18
02	Safran	p22
03	Linear Project	p26
04	DR McNatty	p02
05	Schedule Reader	p49
06	Assemble	p36
07	Encore Analytics	p57
08	Spider Team	p32
18	Catalyst	p56
21	Deltek	p39
22	CBTWorkshop	p35
23	Micro Planner	p29
25	Alice	p33
26	Bentley Synchro	p03
27	Steelray	p31
28	Built on Vision	p28
29	Intaver Risky Project	p31
30	Ron Winter Schedule Analyzer	p21
31	SmartPM	p54
33	Petroglyph TILOS	p50
34	Phase Manager	p51
35	Elecosoft Powerproject	p18
36	InEight	p09
37	LOADSPRING	p36
38	Phoenix Project Manager	p60
39	Geniebelt	p52
40	Project Controls Online	p44
41	AACE	p22

Get One-on-One Assistance
for your software questions

List of Exhibitors and Sponsors

Sunday Welcome Reception ..... Phoenix p06
Monday breakfast ……..... Phoenix p60
Monday coffee break ..... Bentley Synchro p13
Monday lunch ……..... Micro Planner X-Pert p29
Monday tea break ……..... Village Green Apothecary p39
Monday Happy Hour ……..... Plotnick Professional Services p35
Monday 8:30 pm cigar Reception..... Schedule Analyzer p35
Monday Late Drink ……..…… Plotnick Professional Services p35
Tuesday breakfast ……..... Deltek p39
Tuesday coffee break ..... Sitewalker p38
Tuesday lunch ……..... Phoenix p60
Tuesday tea break ……..... Village Green Apothecary p39
Tuesday Happy Hour ..... Plotnick Professional Services p45
Tuesday Trolley Tour Reception ..... InEight.... p09
Tuesday Late Night at Hyatt ..... EnProMaC p47
Tuesday Late Night at Whiskey House ..... EnProMaC p47
Wednesday breakfast ……...…….... SmartPM p48
Wednesday coffee break ..... Phoenix p60
Wednesday lunch ……..…… Plotnick Professional Services p29
Wednesday farewell break .. Plotnick Professional Services p45



INEIGHT

SEE THE NIGHT LIGHTS OF SAN DIEGO

PROUDLY SPONSORED BY INEIGHT

Following the reception, hop aboard a trolley and join us for a narrated nighttime tour of beautiful San Diego!

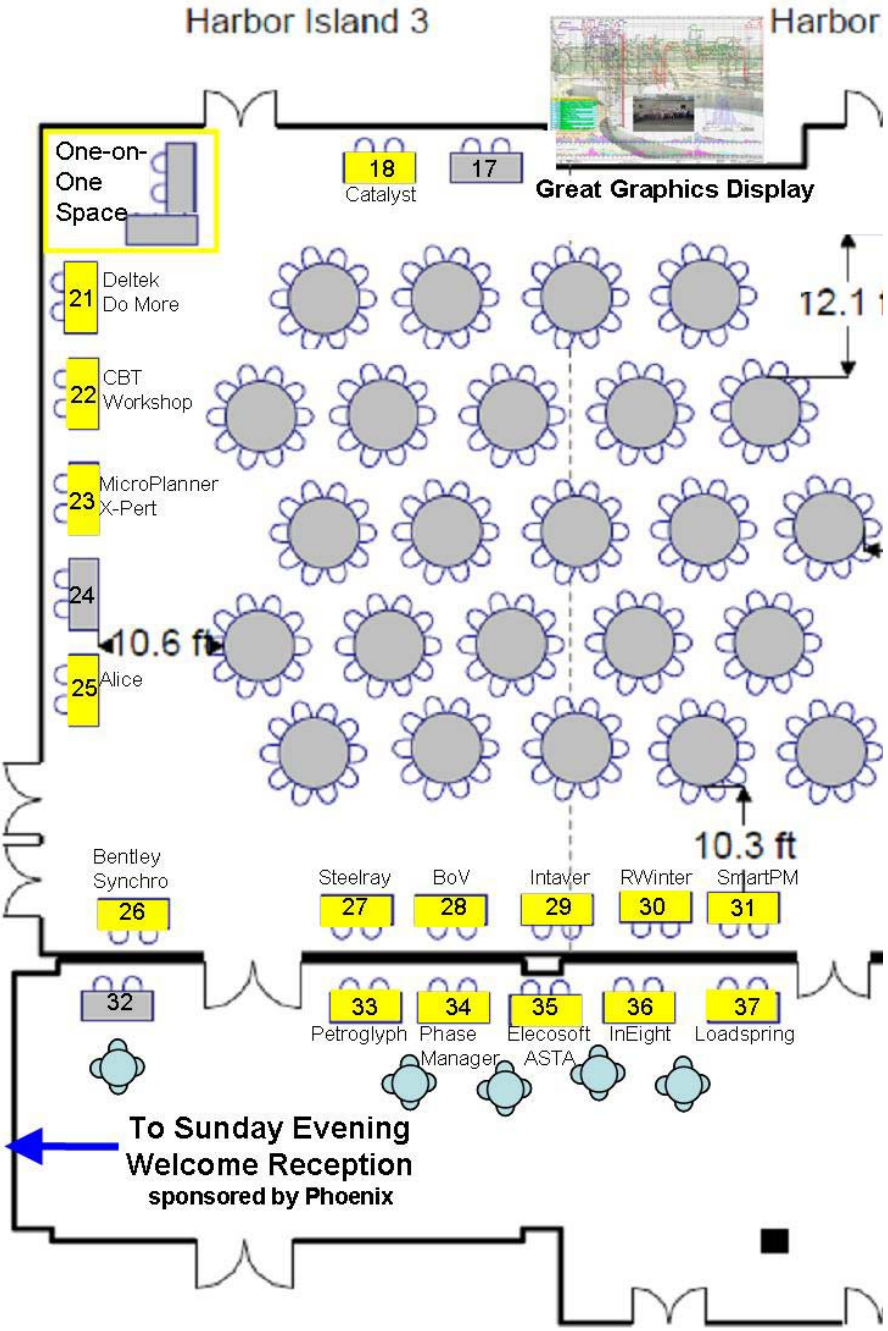
We'll visit the historic Gaslamp Quarter, see the glowing fountains and statues of Balboa Park, take in a great view from the Coronado Bridge, plus much more.

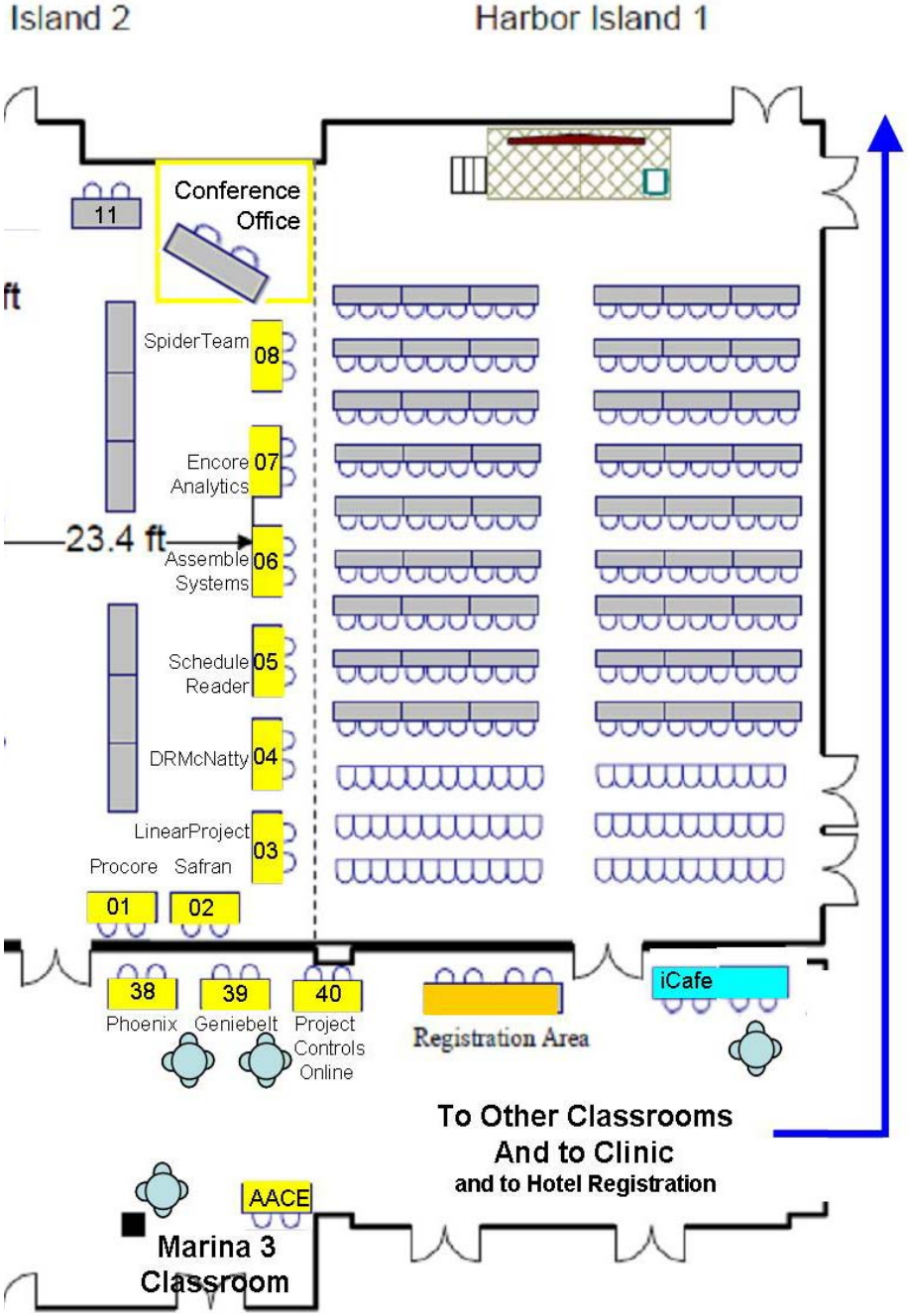
Two drink tickets are provided in your registration package for this event.

- **Event: Tuesday Night Trolley Tour**
- **Date: January 22, 2019**
- **Time: 6:30 to 9:00 PM**

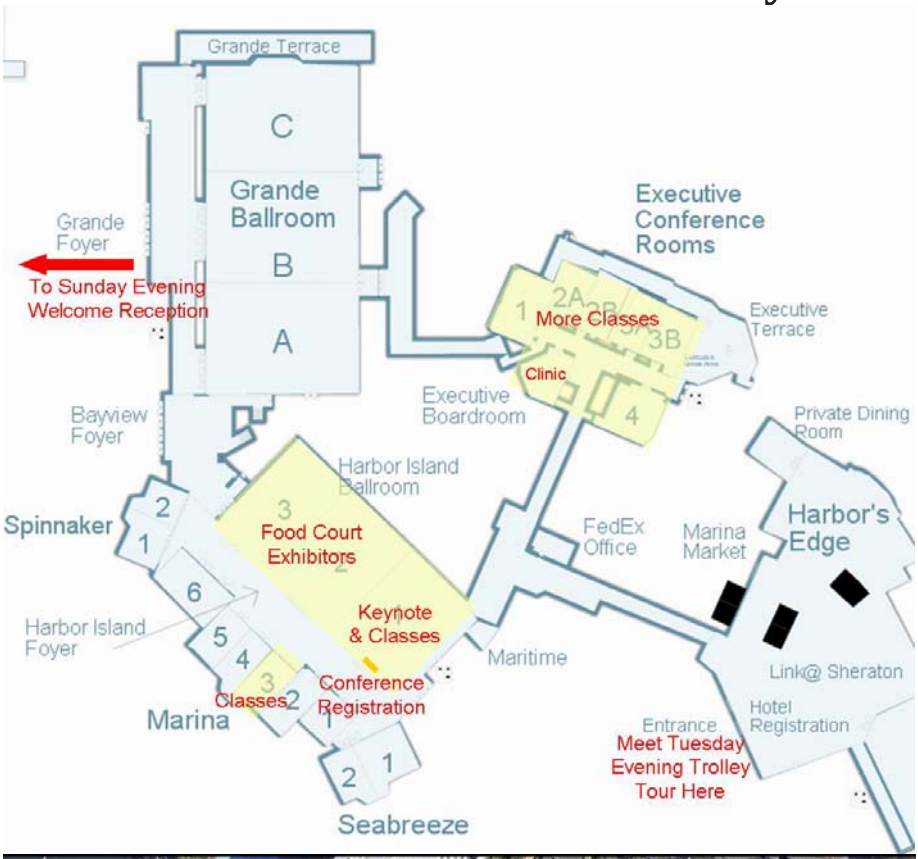
Learn more about InEight at ineight.com/CPM

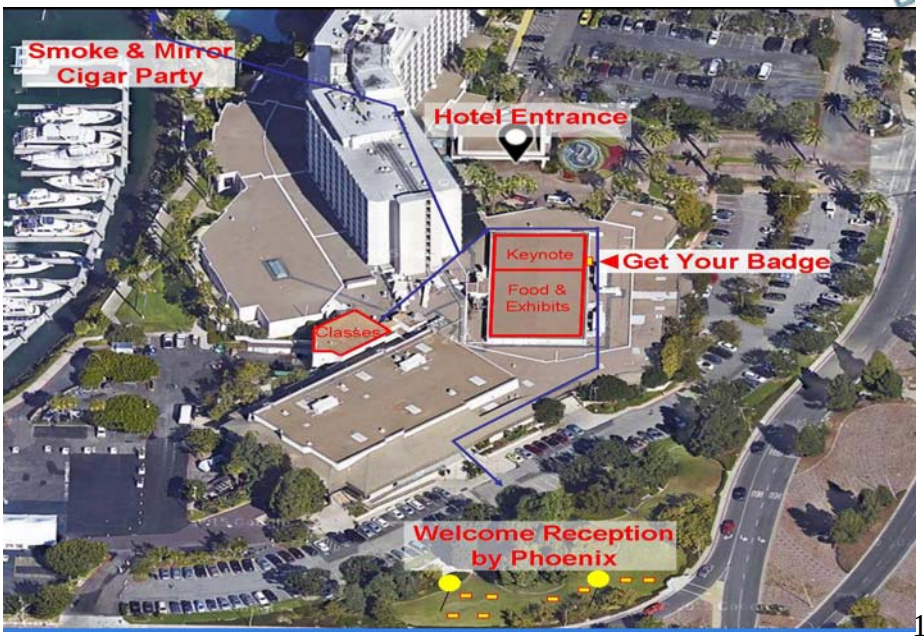
Conference Floor Layout




Island 2
Harbor Island 1
11
Conference Office
ft
SpiderTeam 08
Encore Analytics 07
23.4 ft
Assemble Systems 06
Schedule Reader 05
DRMcNatty 04
LinearProject 03
Procore Safran
01
02
38
Phoenix
39
Geniebelt
40
Project Controls Online
Registration Area
iCafe
To Other Classrooms
And to Clinic
and to Hotel Registration
AACE
Marina 3
Classroom

Conference Floor and Hotel Layout





Sunday Program

3 – 9 pm **Registration**
1 – 5 pm **Free Training in Elecosoft Powerproject**
6 – 9 pm **Phoenix Welcome Reception – Front Lawn**

Monday Program

6:30 – 8 am **Hot Breakfast – sponsored by Phoenix**
8 – 9:15 am **Opening Remarks and Keynote Presentation**
9:15 – 9:45 am **Coffee Break sponsored by Bentley Synchro**

SYNCHRO SOFTWARE

9:45 – 11 am **Breakout Sessions**
Harbor 1 **What's New with Oracle**
Exec 2 **Deltek Acumen Risk**
Exec 3 **Phoenix Project Manager**
Exec 4 **Tips, Tricks, Best Practices for Microsoft Project**
Exec 1 **Introduction to Synchro Pro**
Marina 3 **Implications of Artificial Intelligence**

11:10 am – 12:25 pm **Breakout Sessions**
Harbor 1 **Schedule Development Using P6**
Exec 2 **Deltek Acumen Fuse**
Exec 3 **Introduction to Elecosoft Powerproject**
Exec 4 **Really Understanding MSP**
Exec 1 **Linear Projects Using Time Location Charting**
Marina 3 **Comparing Software - Our Shop Uses 3 or More**

12:25 – 2 pm **Lunch served in Harbor Island Ballroom sponsored by Micro Planner X-PERT**

Monday Program cont'd

2:00 -3:15 pm	**Breakout Sessions**
Harbor 1	**Schedule Updating Using P6**
Exec 2	**Deltek Open Plan**
Exec 3	**PennDOT chooses Asta - Update**
Exec 4	**Reviewing, Inspecting, and Reporting in MSP**
Exec 1	**Beyond CPM: Tools for Schedule Optimization**
Marina 3	**Actual Intelligence & Field Coordination**
3:15 – 3:35 pm	**Afternoon Break sponsored by VillageGreen**
3:35 – 4:50 pm	**Breakout Sessions**
Harbor 1	**What's Wrong With P6? A Panel Discussion**
Exec 2	**Deltek Acumen Risk and 360**
Exec 3	**Introduction to Micro Planner X-Pert**
Exec 4	**Moving Beyond CPM to GPM**
Exec 1	**Integrating Data in TILOS**
Marina 3	**Using Artificial Intelligence To Schedule Smarter**
4:50 – 6:30 pm	**Networking Reception sponsored by Plotnick**
6:30 – 8:30 pm	**Dine on own or with Five New Friends**
8:30 – 10:00 pm	**Last Drinks at Shoreline and a cigar courtesy of Ron Winter**

Schedule Analyzer

Ron Winter Consulting LLC

Menu by Chef of Sheraton

WELCOME RECEPTION by Phoenix 6:00-9:00PM Sunday January 20
BAJA STYLE STREET TACO BAR: Chipotle Carne Asada, Pollo Asado,
Chopped cilantro, diced onion, pico de gallo, shredded cheese, sour cream, chipotle cream, guacamole, salsa verde, jalapeno chimichurri, mango salsa, Ozzie's salsa Corn & Flour Tortillas, Tortilla Chips

Plated Breakfast by Phoenix 6.30-8:00AM Monday January 21
Scrambled Eggs, Bacon, Skillet Potatoes
Continuous coffee by Bentley with added assorted pastries to 11:15 AM

Plated Lunch by MicroPlanner X-Pert 12.25 PM Monday January 21
Garden Salad – Mixed Greens, Cherry Tomatoes, Cucumbers & Balsamic Vinaigrette,
Cilantro Crusted Chicken with SoFrito Rice, Seasonal Vegetables & Ranchero Sauce,
Homemade Cookies

PM Break Monday January 21
Ice Tea, Assorted Soft Drinks, Variety of Chips and Snack Bars

HAPPY HOUR RECEPTION 4:50-6:30PM Monday January 21
Tortilla & potato chips with salsa, ranch & onion dips
Grilled California Vegetables with green peppercorn ranch dip

Plated Breakfast by Deltek 6.30-8:00 AM Tuesday January 22
Mushroom, Spinach, Swiss Omelet, Crisp Hash Brown Bar, Pork Sausage Link
Continuous coffee by Sitewalker with added assorted pastries to 11:15 AM

Plated Lunch by Phoenix 12.25 PM Tuesday January 22
Hearts of Romaine with Garlic Crostini, Shaved Parmesan, and Creamy Caesar Dressing
Grilled Skirt Steak on Bed of Caramelized Onions, Crispy Herb Polenta Cake, Baby Broccoli
Homemade Brownies

Break PM Tuesday January 22
Ice Tea, Assorted Soft and Energy Drinks, Variety of Chips and Snack Bars

HAPPY HOUR RECEPTION 4:50-6:30PM Tuesday January 22
Four Cheese Baked Ziti, oven dried tomatoes, basil & olive
Vegetable Crudite with Dips

Plated Breakfast by SmartPM 6.30-8:00 AM Wednesday January 23
Breakfast Sandwich - Chicken Sausage Patty, Fried Egg, Cheddar Cheese on English Muffin
Continuous coffee by Phoenix with added assorted pastries to 11:15 AM

Plated Lunch 12.25 PM Wednesday January 23
"On the Edge" wedge salad, crisp iceberg wedge with red & yellow tomatoes,
crumbled blue cheese & blue cheese dressing
Pan Seared Salmon with Roasted Red Potatoes, Baby Carrots, Lemon Caper Butter Sauce
Decadent Brownie with Chocolate Mousse

Farewell Snack 3:15 PM January 23
Ice Cream Novelty Bar and Frozen Fruit Bars

Attendees with Special Needs please inform at Registration Desk

Tuesday Program

6:30 – 8 am **Hot Breakfast – sponsored by Deltek**

8 – 9:15 am **Opening Remarks and Keynote Presentations**
9:15 – 9:45 am **Coffee Break sponsored by Sitewalker**

SiteWalker

9:45 – 11 am **Breakout Sessions**

Harbor 1	**I am hiring an expert – Why you?**
Exec 2	**Governing for Success**
Exec 3	**Reporting Out-of-Sequence Progress**
Exec 4	**Forensic Delay Analysis Technology**
Exec 1	**Taking Control of Construction Scheduling**
Marina 3	**Evaluating a Schedule's Longest Path with Risk**

11:10 am – 12:25 pm **Breakout Sessions**

Harbor 1	**Latest on AACE 29RP-03**
Exec 2	**How Project Failure Threatens the Board Room**
Exec 3	**Analyzing Out-of-Sequence Progress**
Exec 4	**Procore Construction Management**
Exec 1	**A Realistic Look at Float Consumption**
Marina 3	**Cut through Cloud Fog with LOADSPRING**

12:25 – 2 pm **Lunch sponsored by Phoenix**

ENJOY LUNCH SPONSORED BY

phoenix
PROJECT MANAGER

Tuesday Program cont'd

2:00 – 3:15 pm	**Breakout Sessions**
Harbor 1	**Constructive Acceleration Around the Globe**
Exec 2	**Why should / shouldn't I do that?**
Exec 3	**Risky Project Project Risk Analysis**
Exec 4	**Integrated Cost/ Schedule Risk Analysis**
Exec 1	**Program Manager Causes Paradigm Shift**
Marina 3	**Top Ten Issues that Confuse Schedulers**

3:15 – 3:35 pm Afternoon Break

VillageGreen® Apothecary

http://www.myvillagegreen.com/

3:35 – 4:50 pm	**Breakout Sessions**
Harbor 1	**Assault Against Arbitration**
Exec 2	**Schedule Stability**
Exec 3	**You need to upgrade your risk tool with Safran**
Exec 4	**Connecting high fidelity cost models to CPM**
Exec 1	**Get to the Truth in Your Schedules with Steelray**
Marina 3	**Re-defining Critical – AACE Panel Discussion**

4:50 – 7:30 pm Networking Reception sponsored by Plotnick

6:00 – 6:15 pm Group ONE – Board your Old Time Trolley
6:15 – 7:15 pm Tour of San Diego at Night sponsored by InEight
7:30 – 7:45 pm Group TWO – Board your Old Time Trolley
7:45 – 9:15 pm Tour of San Diego at Night sponsored by InEight
7:15 or 9:15 Your choice of late night partying after the tour:

- **Drop off at Top of the Hyatt 40th Floor Bar – 3 wine coupons**
- **Drop off at Whiskey House in Gaslight District – 2 drink tix**
- **Return to Sheraton – to Quinn's - or early to bed**

CHOOSE THE TROLLEY YOU BOARD CAREFULLY

Elecosoft®

Building on Technology®

Powerproject: A better scheduling tool

Come to Booth 35 to see why construction schedulers are switching to Powerproject and to enter our prize draw:

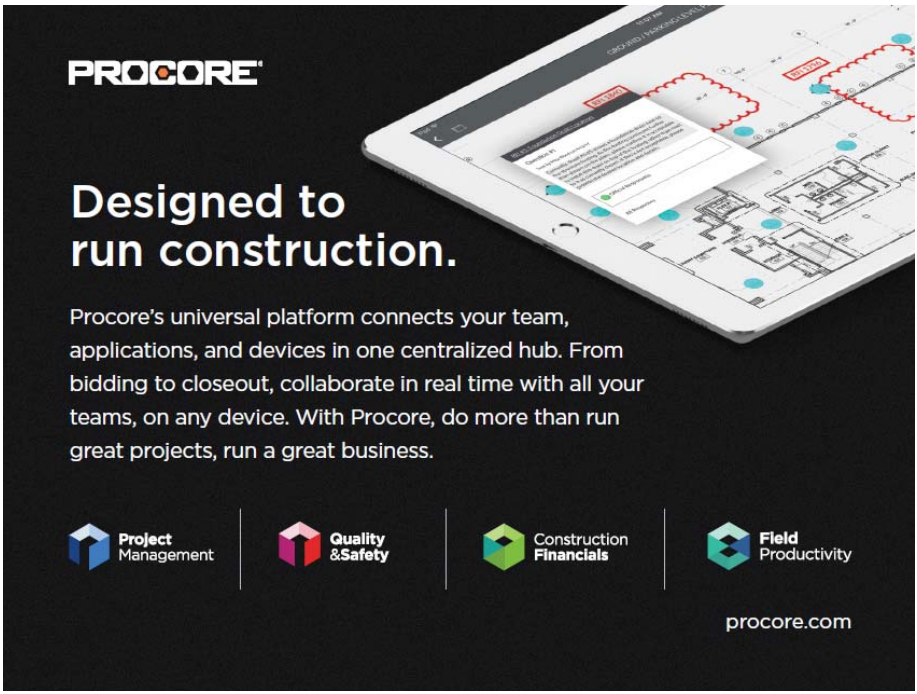
Bring along your contact details to win a free Powerproject license! The giveaway will be announced at our booth (just outside the Harbor Island Ballroom) during the morning coffee break on Wednesday 23rd January at 10:30-11 AM.

Name ..... Company .....

Job title ..... Phone .....

Email: .....

see us at Booth 35



see us at Booth 01

Wednesday Program

6:30 – 8 am **Hot Breakfast – sponsored by SmartPM**

8 – 10:40 am **Mock Trial – Judge Marshall Presiding**
Our courtroom is in Harbor 1

8:00 – 9:15 am **Breakout Sessions**

Exec 2	**Admin Tips & Tricks for Oracle Products**
Exec 3	**Oracle Document Control**
Exec 4	**Why/What Schedulers Need to Know EVMS**
Exec 1	**Introduction to ScheduleReader**
Marina 3	**Overview of Project Planning in Infrastructure**

9:25 –10:40 am **Breakout Sessions**

Harbor 1	**Mock Trial Continued**
Exec 2	**Why ENR Top 20 Contractor switched to Asta**
Exec 3	**Real-time collaboration overview with Geniebelt**
Exec 4	**Evaluating/Implementing an Automated EVMS**
Exec 1	**Risk Simulation Problems & Reliable Control**
Marina 3	**Anatomy of a Murder: Spot a DOA Schedule**

10:40 – 11:00 am **Coffee Break sponsored by Phoenix**

Great Graphics Contest – 1st Prize 2020 Registration Free

Wednesday Program cont'd

11:00 – 12:15 pm Breakout Sessions

Harbor 1	**Paid Testimony and Your Professional License**
Exec 2	**Oracle Vision and Roadmap**
Exec 3	**Schedule Requirement for Federal Projects**
Exec 4	**Cost Estimating and Budget Forecasting in P6**
Exec 1	**Monte Carlo Schedule Risk Analysis**
Marina 3	**THE GREAT DEBATE - Are We Done Yet?**

12:15 – 1:45 pm Lunch – Announce Winner of Great Graphics

1:45 – 3:00 pm Breakout Sessions

Harbor 1	**Ethics and the Expert**
Exec 2	**Elecosoft Roadmap/TownHall**
Exec 3	**Schedule Simulation with LEGOs**
Exec 4	**Integrated Cost/Schedule Analytics**
Exec 1	**Making Ships – Managing Complex Construction**

3:00 – 3:15pm Farewell with a sweet treat

Join us for a post conference harbor cruise aboard Flagship
Meet in hotel lobby – transit to Flagship – boarding 4pm

The oldest P6 add-on company has taught over 1,500 users how to analyzer P6 schedules. Why not join them?

20 years and counting, Schedule Analyzer Software continues to give new insights into the complex analysis of construction CPM schedules. Complete your analysis in 4 hours or less. Find out what the other party is going to complain about before they get the chance.

Best of all, do all of this at a fraction of what the others charge. Perpetual, concurrent licenses with free customer service at a third of the price. Look for our table for more important information.

Safran

Unified project management solutions for:

- ✓ Planning & Scheduling
- ✓ Flexible Reporting
- ✓ Risk Management
- ✓ Cost Variance (EVM)

Safran Software Solutions
Global Offices: Houston, London, Oslo, Stavanger
www.safran.com | +1.888.572.8190

AACE REGION 2

2019 Northeast Symposium

March 28-29, 2019
DoubleTree Hotel by Hilton at the Philadelphia Airport
Philadelphia, Pennsylvania

Seeking Sponsors, Exhibitors, and Speakers – Submit presentation title, bio, and 150-word abstract at **www.northeastsymposium.com**

contact information

Niyi Ladipo nladipo@mbpce.com | Craig Steigerwalt csteigerwalt@exponent.com

Abstracts MON 8:00 to 9:15

Opening Remarks
from our host Fred Plotnick and video address of our first leader James O'Brien

Keynote by Alexia Nalewaik, CCP FAACE, President of AACE International on Importance of Professional Level Certifications and Licensure

SYNCHRO SOFTWARE

MON 9:45 to 11:00

MON 11 in Harbor 1

What's New with Oracle

A lot can happen in a year. Oracle has been busy improving all of the solutions within its widening platform for project success. Get an introduction to all of the products within our construction and engineering portfolio. Review the key highlights from new releases of Primavera P6, Unifier, Analytics, Textura, Prime and mobile apps. Presented by Frank Malangone | Senior Director, Product & Industry Strategy, Oracle

MON 12 in Exec 2

Deltek Acumen Release 8.2: How to Check Reliability

CPM schedules are excellent at providing a completion forecast based on the planned duration and sequence of work. However, they fall short in accounting for external risk events – those discrete events that have an impact on a project execution teams' ability to execute the plan. This presentation focuses on the second step towards improving project maturity: identifying and reducing project risk exposure through project risk analysis. Learn best practices when running a schedule or cost risk analysis and hear how Deltek Acumen Risk and Risk book combine the accuracy of Monte-Carlo risk analysis with a straightforward, team-oriented user experience to simplify this process. Presented by Tom Polen

MON 13 in Exec 3

Introduction to Phoenix Project Manager

Phoenix Project Manager is a project-focused CPM scheduling tool for the construction, energy and architecture/engineering markets. In this session, Jay Poulsen, President of Phoenix Project Management, will discuss the use of Phoenix Project Manager to create and maintain project schedules, and how to migrate your current scheduling efforts from Primavera or other enterprise platforms to Phoenix. Mr. Poulsen will also discuss the future development direction of Phoenix Project Manager.

Continuing Education Credits

The Florida Bar
651 East Jefferson Street
Tallahassee, FL 32399-2300

Joshua E. Doyle
Executive Director

850/561-5600
www.FLORIDABAR.org

Certificate of Accreditation for Continuing Legal Education

Reference Number:	1809297N
Title:	Construction CPM Conference
Level:	Intermediate
Approval Period:	01/20/2019 - 07/31/2020

CLE Credits

General	21.0
Ethics	6.0
Technology	3.0

Certification Credits

Construction Law	21.0

Application Made to Louisiana Bar for 18 Credit Hours
Professional Engineers may report 21 PDH in Model States
50 minute contact hours per NCEES
Also approved by AACE and PMI

Abstracts MON 9:45 to 11:00

MON 14 in Exec 4

Tips, Tricks and Best Practices for Microsoft Project

Microsoft Project really CAN be used as a true scheduling tool that is also able to provide analysis capabilities. Setting up your project correctly from the start and knowing some tips and tricks for using Microsoft Project are the key. Learn how to drive the backward pass in Microsoft Project to reflect a true total slack (float) whether it is positive or negative. In this session, Bridget Fleming, PMP, PMI-SP, MCP, and chair of the PMI Practice Standard for Scheduling – Third Edition team, will focus on best practices for working with Microsoft Project in initial project setup, the planning stage as well as during project execution. Presented by Bridget Fleming, PMP, PMI-SP, MCP of PPM

MON 15 in Exec 1

Introduction to Synchro Professional

Planning, scheduling and controls are a key component of successful construction project delivery. The decades long industry standard CPM Gantt Chart method challenges even the most experienced constructors. 4D is a medium which brings real time visibility to the process, enabling all team members to see, review and validate the approach virtually, before construction on site ever begins and throughout every day of the project. Errors, conflicts and unforeseen problems become visible- reducing the need for costly late stage change orders and rework, improving communication and cooperation, improving safety and boosting efficiency. Come hear Mazen Faloughi, Senior 4D Consultant, and Amir Hamaoui, Platform Manager for Construction, of Bentley

MON 16 in Marina 3

Implications of Artificial Intelligence to Human Intelligence in Planning

CPM scheduling has been the backbone for planning and forecasting large CAPEX projects for the past 50 years. While a tried and trusted technique, it really hasn't evolved much – until now. With the advent of what is commonly termed Artificial Intelligence (AI), CPM planning is undergoing a transformation. Gone are the days of starting with a blank sheet of paper and having to figure out the plan for yourself. With AI, planners and schedulers can now take more of a guided and validated approach to building a plan. Building on prior experience, trends and productivity rates, AI can make informed suggestions as to what the duration, sequence and cost of work should be. While AI is a massive step forward in planning, it is important not to forget the value of the human factor (human intelligence). Achieving this balance is also discussed. Presented by Dr. Dan Patterson, PMP, Chief Design Officer, InEight

INEIGHT

IN WITH PROJECT CERTAINTY.
OUT WITH DOUBT.

Our project management software was built, tested and proven on construction sites to solve your project challenges. With InEight, you can minimize risks, gain visibility, increase predictability and put an end to project surprises once and for all.

START NOW at ineight.com/CPM

©2019 InEight Inc. All rights reserved.

TURBO | CHART

@ Construction CPM 2019, San Diego
Visit us at Exhibit Table #3

Bring along your Linear Project Schedule, Using Turbo-Chart we'll demonstrate how

QUICKLY **and** ***EASILY***

You can visualize your Linear Project Schedule As a Time Location chart

Designed to work with your Scheduling System

ORACLE PRIMAVERA

Safran Risk™

Powerproject®

MON 11:10 to 12:25

MON 21 in Harbor 1

Schedule Development Using P6 Professional Download to 1st Report

This session will lead attendees from download of Primavera P6 software from Oracle's website to delivery of the first report to management of the Contractor and the Owner. This session is taught by two veteran users of P6™, Hannah Schumacher, Scheduling Manager, Sundt Construction Inc. www.sundt.com and Charlie Jackson, Vice President of Project Life Span, LLC.

MON 22 in Exec 2

Deltek Acumen Fuse Release 8.2: How to Choose Metrics

The first step towards improving project success is building a structurally sound and reliable schedule. This presentation will walk through the diagnostics available to assess schedule quality and present initiatives you can implement for avoiding the pitfalls common to the practice of project scheduling. Hear how Deltek Acumen Fuse, a schedule diagnostics tool that integrates directly with all major scheduling tools, helps validate project and portfolio schedule quality and provides unparalleled insight through detailed project analysis. See the industry-proven standards and user-defined metrics in Fuse that help establish the high-quality schedule required for project success. Presented by Tom Polen.

Deltek®

MON 23 in Exec 3

Introduction to Elecosoft Powerproject Schedule Tool for Planners

See how Elecosoft Powerproject makes scheduling easier and more cost effective. Find out why Elecosoft Powerproject (aka Asta) is being adopted throughout the US by construction companies of all sizes. Hear how firms like Saunders Construction, Encore Electric and PCS have improved performance, gained widespread use and reduced training costs by turning to Elecosoft Powerproject. All, while also saving on license costs. Elecosoft Powerproject is the only construction-specific scheduling software offered with concurrent licensing which allows multiple users on a team to share one license. We'll show you how innovative features like Elecosoft Powerproject's unique "drag & drop" functionality make scheduling faster and more enjoyable. Come see how easy Elecosoft Powerproject is to learn and use, how it's powerful features were built with you in mind, and how it performs more reliably than other scheduling options everyday…all over the world

Presented by Megan DePoty

Abstracts MON 11:10 to 12:25

MON 24 in Exec 4

Really Understanding MSP

Love it or hate it, Microsoft Project (MSP) CPM scheduling software is here to stay. Many construction contracts are now mandating its use. Most people using MSP on construction projects find that MSP is fine for planning the work but very difficult to use when maintaining the status and accurately forecasting project completion.

The good news is that you can 'make' MSP properly reflect complicated status including out-of-sequence progress resembling Retained Logic. The Great News is that in this fourth-generation presentation, we finally made understanding easy. This advanced presentation will explain how to best use MSP in place of P6 or other more status-oriented scheduling software. Presented by Ron Winter, PSP, author of Schedule Analyzer Software.

MON 25 in Exec 1

Improving Scheduling Outcomes Using Time Location Charting

A visual method of representing construction schedules known as "Time Location" charts offers benefits beyond traditional CPM ouputs for Linear Infrastructure projects (such as tunnels, railways, roadways and pipelines) by incorporating the physical location of schedule activities along the physical, linear alignment of a project. Time Location charts allow communication of a project schedule, in a manner that would not be possible with traditional CPM schedule outputs. Typically, such charts on a single page allow identification and analysis of production rates, sequencing and conflicts of work, resourcing and physical access constraints and schedule comparisons. This presentation will provide an overview of Time Location Charting and demonstrate a practical application, using existing traditional CPM schedules, that overcomes issues faced in other existing methods. Presented by Santosh Bhat of Linear Project Software.

MON 26 in Marina 3

Comparing Software - Our Shop Needs Folks Trained in 3 or More

In the current environment there are numerous platforms used to create Critical Path Method (CPM) schedules. Among these are: Primavera P6, Open Plan, Asta, MS Project and a host of others lesser known programs. While these platforms are each capable of useful in creating a viable CPM schedule, each does so with a degree of uniqueness. With regard to their usefulness in a claims situation, the disparities are even more pronounced. This presentation shows the similarities, differences, advantages and disadvantages of using these platforms. Presented by Bruce Betz of Envison

ENJOY LUNCH SPONSORED BY

Claims of Delay or Disruption?
We Wrote the Book

EnProMaC

Engineering & Property Management Consultants, Inc.
261 Old York Road
Pavilion #732
Jenkintown PA 19046
www.enpromac.com info@enpromac.com 215-885-3733

Dine with Five New Friends™

Five New Friends™ is a program of the Construction CPM Conference designed to match you and "five new friends" for a dinner with other conference attendees having similar interests based upon your registration survey. While reservations are closed prior to the start of the conference, you may check at our Registration Booth, email info@constructioncpm.com or call 215-313-5110 to check for late cancellations or additional tables becoming available.

Abstracts MON 2:00 to 3:15

MON 31 in Harbor 1

Schedule Updating Using P6 Professional NTP to 1st Update Report

This session will lead attendees in the proper use of Oracle Primavera P6 EPPM from Notice-to-Proceed (or acceptance of the initial baseline schedule) to delivery of the first update report to management of the Contractor and the Owner. This session is taught by two veteran users of P6™, Hannah Schumacher, Sundt Construction Inc. www.sundt.com and Charlie Jackson, Vice President of Project Life Span, LLC.

MON 32 in Exec 2

Open Plan Release 8.2: Out of the Box to 1st Report

This session will lead attendees from download of Open Plan software from Deltek's website, or from the link provided in the back of of the text CPM in Construction Management, 8th Edition, to delivery of the first update report to management of the Contractor and the Owner. Presented by Rob Edwards of Deltek.

MON 33 in Exec 3

PennDOT chooses Asta - Update on Implementation

Presented by Kristen A. Swan, Construction Services Schedule Manager, PA Department of Transportation.

MON 34 in Exec 4

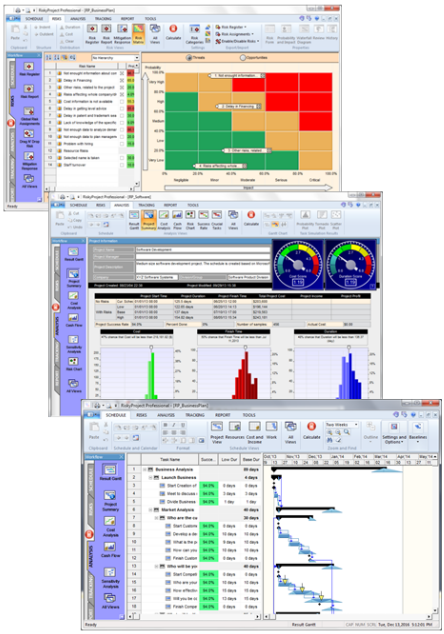
Reviewing, Inspecting, Reporting CPM Logic in Microsoft Project Schedules

Complex sequencing logic can be difficult to review, inspect, or report in Microsoft Project, especially when constraints, variable calendars, and resource leveling complicate the Slack/Float calculations. BPC Logic Filter is an add-in that works inside Microsoft Project to provide logical information for both the planner and the reviewer of a complex schedule. The tool provides pre-formatted reports of the Driving and Driven Paths for any task, the Project Longest Path, Multiple Float Paths, Driving Path Drag, and the Resource Constrained Critical Path (for a leveled schedule). The program also includes a Project Logic Checker and a Task Logic Inspector. The first helps to isolate widespread schedule issues like non-unique names, summary task links, dangling logic, and out-of-sequence progress. The second displays detailed information about task relationships while allowing the user to navigate forward and backward through the schedule network based on relationships (including resource-driving relationships) alone.

Presented by Thomas Boyle, PE, PMP, PSP.

CMAA

Advancing Professional Construction and Program Management Worldwide



INTAVER INSTITUTE

RiskyProject

Project Risk Analysis and Risk Management Software for Microsoft Project, Primavera, and Standalone

- Project Scheduling
- Risk Register
- Risk Matrix
- Monte Carlo schedule risk analysis
- Probabilistic cost and cash flow analysis
- Sensitivity Analysis
- Risk Mitigations
- Risk Correlations
- Project Portfolio Risk Analysis
- Probabilistic and Weather Calendars
- ... and more

see us at Booth 29

steelray

Scorecards

Scorecard

Enterprise Grouped Matrix

Global Scoreca

Understand Your Schedule

Validation

Over budget? Missed milestones? We can help.

Our suite of products allow you to easily view and analyze project schedules.

Learn more at www.steelray.com

Government

DCMA 14 Point Assessment

14 Point Assessment

DCMA 3.0 Assess

see us at Booth 27

Abstracts MON 2:00 to 3:15

MON 35 in Exec 1

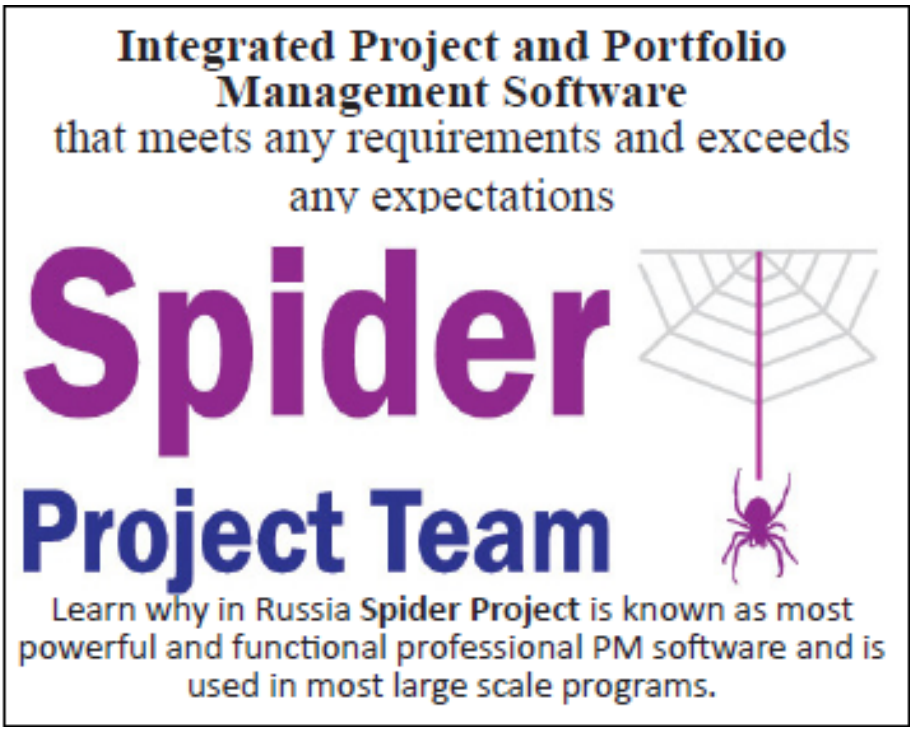
Beyond CPM: Tools and Techniques for Schedule Optimization

This presentation will discuss: Methods and tools that may help to improve the schedule calculated using CPM, What is required for creating adequate resource loaded project model, Resource constrained scheduling challenges, Resource constrained schedule analysis, and Resource constrained scheduling capabilities of popular software tools. Presented by Vladimir Liberzon of Spider Project Team

MON 36 in Marina 3

Actual Intelligence & Importance of Field Coordination on Productivity

Engineering & Construction jobsites are where the true margin/success of projects is either won or lost. While there are no singular magic bullets to resolve construction productivity, the blocking and tackling basics of construction coordination & field execution matter. Field teams need simple, easy to use solutions that have proven track records of saving teams time. The Field needs quick, accurate, up to date information that digitally connects the field office to the front office. Actual Intelligence starts with placing the tasks of the project "in the pocket" of those who matter most. Presented by Garrett Harley of Fieldwire



see us at Booth 08

MON 3:35 to 4:50

MON 41 in Harbor 1

What's Wrong With P6?

Oracle P6 is a leading software solution for planning and scheduling. However, there are many in the construction industry who feel that improvements focused upon the special needs of construction would make our jobs easier. Come to this session, led by a panel of power users from the construction field to the courtroom to the system administrator who will discuss their concerns and suggestions. Sufficient time will be provided to collect additional audience input. Featuring:
Jeff Milo of Brasfield and Gorrie on Concerns of the Contractors
Bruce Betz of Envision on Concerns of the Owners
Presented by Chris Carson of Arcadis on Concerns of the Courts
Ron Winter of Schedule Analyzer on Concerns of Each relating to the DataBase

MON 42 in Exec 2

Deltek Acumen 8.2: Faster Project Timelines – Recovering Delays

The constraints of time, cost, and scope – and the uncertainty and risk that accompany them – create a management tightrope for even the best of project teams. An unachievable timeline or an unexpected delay can easily tip your balance, forcing your project to come in late and over budget. Far too often projects are delivered later than planned because of unforeseen delays during execution or because of a less-than optimal plan to begin with. Join us as Deltek's resident schedule quality guru demonstrates how you can predict faster project timelines and recover delays with the help of Deltek Acumen Risk & 360. Presented by Tom Polen

MON 43 in Exec 3

Introduction to Micro Planner X-Pert v3.5.1.

For 35 years Micro Planning International (MPI) has provided full service project management to clients worldwide. MICROPLANNER X-Pert has been the project management software which others are judged. A high performance package making planning and management easy for both novice and power users alike. X-PERT for Windows is a Critical Path Logic network based product for either ADM and /or PDM format, and provides a host of project planning and scheduling features, Resource Scheduling, Earned Value Performance, Gantt and Project Cost Controls, all easier to use than many packages. Presented by Raphael M Dua MACS PCP, General Manager Micro Planning International Asia Pacific Pty Ltd.

ALICE
TECHNOLOGIES

see us at Booth 25

Abstracts MON 3:35 to 4:50

MON 44 in Exec 4

Moving Beyond CPM to GPM

Get an excellent overview of NetPoint focusing on the basics of building a NetPoint plan efficiently as well as tips and tricks gleaned from thousands of hours of use in the field. You will have the chance to explore new features and more advanced functions including NetRisk™. Presented by Tim Mather of PMA NetPoint

MON 45 in Exec 1

Integrating Data in TILOS to Manage and Control an Optimized Plan

TILOS is the distance based planning tool used globally for alignment based projects. It connects the geography and constructability issues of a project with the schedule (what is built, when and where), and allows the users to view the entire construction execution scope. TILOS integrates the necessary data and constraints for engineering, surveying, environmental, regulatory, and construction into a comprehensive plan. This enables identification of areas where work rates are substantially reduced and additional crews are required to complete the scope to be executed on time. The number of crews and equipment requirements can be determined based on terrain or similar constraints. Crew numbers and equipment mobilization can be minimized through understanding the work rates and location requirements. The goal is to develop an optimized plan with the resources required to complete the scope in the time required or sooner to control project costs.

This session will illustrate with examples, how to achieve an optimized detailed plan that reduces the time in the field, mitigates weather delays and delivers the scope in an effective manner. Presented by Lorne Duncan of Petroglyph Projects USA

MON 46 in Marina 3

Using Artificial Intelligence To Schedule Smarter

Artificial intelligence (AI) has created quite a bit of buzz around the construction industry, but is it delivering real value yet and can it help the scheduling process? Rene Morkos, CEO of ALICE Technologies, will provide real world examples of how AI is helping firms standardize their construction process, while also optimizing the way they build, and delivering significant schedule duration and labor cost savings, while also freeing up schedulers and planners from unnecessary busywork

Following Classes Enjoy Our Happy Hour Reception Sponsored by Plotnick Professional Services

“if your project must be done on time .. we wrote the book”

CBTW Services

Our Professional Services

The CBT Workshop (CBTW) is a team of professionals with decades of experience in developing, implementing, training and documenting project, business, management and project controls systems and software for companies like yours. Our staff is dedicated to training and implementing policies, procedures, and software that make the project management professional more efficient and profitable.

-Project Scheduling staff augmentation for short or long term needs with Experts in Primavera and MS Project
-Software Tools Implementation
-One on One and Instructor led Training

The CBT Workshop
P.O. Box 20996
Sarasota, FL 34276

Phone: (888) 644-5613
www.cbtworkshop.com

see us at Table #22

MON 8:30 to 10:00 PM at Shoreline Bar

Never pick a Cloud partner unless they're really, really, really, really good at it.

For Cloud-based Project Management solutions, there's only one choice.

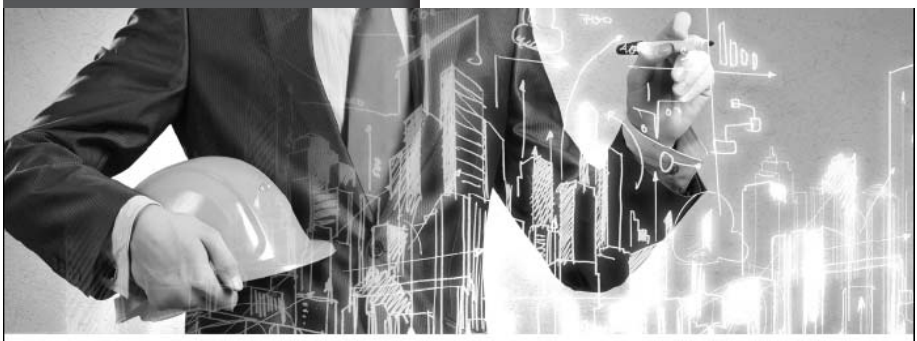
LOADSPRING® leads the industry with our deep knowledge of complex Project Management applications, integrations and infrastructure. We custom-build Your Perfect Cloud and migrate your data fast, heightening productivity and ROI from Day One. You know—like a real business partner should.

Technology and Expertise by LOADSPRING

America's Top 20

*Engineering, Design & Construction firms all use LOADSPRING**

*Source: 2017 ENR's Top 100 Professional Services Firms and Top 500 Design Firms + LOADSPRING data.
© Copyright 2018. LoadSpring is a trademark of LoadSpring Solutions, Inc. All Right Reserved.
loadspring.com Follow us on LinkedIn.



MODEL DATA MANAGEMENT SOLUTIONS

Extract BIM Data, Add Intelligence and Collaborate in Real-Time

- Instant Access to BIM Data
- Rapid Quantity Extraction
- Insight into Comprehensive Model Changes
- Value Engineering
- And More...

For a FREE TRIAL or to learn more, please visit us at www.assemblesystems.com.

assemble
AN AUTODESK COMPANY

Abstracts TUE 8:00 to 9:15

TUE 00 in Harbor 1

Keynote by Dan Patterson – AI will Augment not Replace You

Keynote by Leadership of AGC on Industry's Need for Schedulers

The owner's specification typically tells the Scheduler what must be submitted. But does this minimum best serve the contractor? Part of the problem is to teach the Scheduler to teach the contractor employer or client what more can be provided at little or no extra cost. The Scheduler is part of the management team. We expect you to act like Management.

Abstracts TUE 9:45 to 11:00

TUE 11 in Harbor 1 Litigation Track Keynote

I am hiring an expert for a delay and disruption case. Why should I choose you?

Presented by Shay Kulkarni of Sullivan Hill, San Diego

TUE 12 in Exec 2

Governing for Success

Delivering successful projects consistently requires more than good project controls. The performing organisation needed to be structured to deliver success by ensuring best practices are developed and used. This session will look at the symbiotic relationship between effective project controls and good governance based on the framework outlined in ISO 21505. Presented by Patrick Weaver PMP, FCIOB, FAICD – Mosaic Project Services.

TUE 13 in Exec 3

Reporting Out-of-Sequence Progress

Out-of-sequence progress appears in nearly all schedule updates. Surprisingly, the properties and nature of the different types has not been defined, until now. Understanding of the different types of out-of-sequence progress is an absolute necessity if you want to fully understand disruption. Just how often out-of-sequence progress occurs during construction is not well known. This is not something that can be statistically modeled in a laboratory setting. Two industry studies are presented on how frequently such conditions actually occur and how well it is reported across the various CPM software platforms using real-world construction schedules. You may be surprised in the results!

Presented by Ron Winter, PSP, author of Schedule Analyzer Software.

Abstracts TUE 9:45 to 11:00

TUE 14 in Exec 4

Forensic Delay Analysis Technology – Reducing Dependency on Consultants

Delay is the most feared word in all of construction. It results in overruns, inefficiencies, disputes and is the centerpiece of a multi-billion-dollar construction claims industry. This session will demonstrate how cutting edge schedule analysis technology is being used to settle delay disputes at a fraction of the time and cost of hiring consultants and lawyers. Presented by Michael Pink, SmartPM Technologies.

TUE 15 in Exec 1

Taking Control of Construction Scheduling: P6 Implemented Statewide

Case study on how a transportation agency took control of $1B in yearly construction contracts statewide. Come hear about how the enterprise system is set up, what it does, how it was implemented, how it is really used, how we encouraged usage by agency employees, contractors and consultants, high-level reporting, training programs, how we maintain quality schedules, daily operations and lessons learned. Presented by Frank Perricelli and Matthew Freih of AECOM.

TUE 16 in Marina 3

Evaluating a Schedule's Longest Path Quality with Acumen Risk

Schedule duration uncertainty is a given and is a key factor to the success of a project schedule. We will demonstrate a method using risk analysis techniques to determine and improve schedule quality and consistency of your project's baseline or remaining to complete longest path. Experience has shown that in the absence of the risk events the largest source of schedule duration overruns occur because of having a large number of multiple longest paths due to Duration Uncertainty and Risk Factors. Acumen Fuse and Rick provides a simply and useful tool to determining the quality of a schedule network's longest path with respect to Duration Uncertainty and Risk Factors. Presented by David Long, APTIM Federal Services.

ENJOY COFFEE SPONSORED BY

Hosted by:

SiteWalker

Deltek.

Powering Project Success

Tired of project delays and overruns?
Improve schedule quality, increase project confidence and achieve successful on-time completion time and again with Deltek Acumen.

Discover how today! Visit deltek.com/ppmtrial

https://www.iqyouhealth.com/
sponsoring healthy afternoon breaks

Abstracts TUE 11:10 to 12:25

TUE 21 in Harbor 1

Latest on AACE 29RP-03

Presented by Chris Carson, FRICS, FAACE, FGPC, PSP, CEP, DRMP, CCM, PMP, member of primary author team.

TUE 22 in Exec 2

How Project Failure Threatens the Board Room

And - Some Prevention Strategies - An Australian Perspective

Project governance in the Construction and other industries should not be confused with Project Management. For the past few years since 2016 it has been notable that using the word 'governance' has become very fashionable in the Construction arena. Where projects have failed to deliver, it is invariably put down to a lack of Governance. Unfortunately, it's also very often misused to describe processes and activities that are management, not governance. .Presented by Raphael M. Düa, FAICD, FGPC(PC), FAPE, MACS, PCP, CP, IP^3, Grad DISC CEO and Owner Micro Planning International Pty Ltd..

TUE 23 in Exec 3

Analyzing Out-of-Sequence Progress

Now that you know which activities were performed out-of-sequence, what can you do about this? The first issue is correcting the out-of-sequence logic; should you do it and how? Fred has something to say about this. The second is to analyze the occurrences for individual events of disruption. Lastly, brand-new analysis techniques are presented for viewing the condition as a whole across the entire project using profiles. A profile of when out-of-sequence activities occurred can prove to be insightful as it graphically illustrates project-wide disruption. Disruption due to dilution of management, crowding, or interference is more likely on days that have more active out-of-sequence activities occurring than those where all activities are proceeding as planned. See examples of this new technique displayed with actual examples. Presented by Ron Winter, PSP, author of Schedule Analyzer Software..

VillageGreen® Apothecary

http://www.myvillagegreen.com/

Sponsor of Healthy Afternoon Ice Tea and Lemonade Break

Abstracts TUE 11:10 to 12:25

TUE 24 in Exec 4

Procore Construction Management - The Future of Construction Technology

With the rise in new construction technology, many companies are faced with using multiple programs to manage their project information which ultimately leads to information siloes. Having a true understanding of company and project health is very difficult in this environment as information often slips through the cracks.

Procore has built a platform which currently connects over 120 construction softwares and growing. Companies can now cohesively use the technology they love with Procore, while maintaining a single source of truth for project and overall company health. Presented by Kayley Schwankl of Procore

TUE 25 in Exec 1

A Realistic Look at Float Consumption

Float is an integral part of CPM scheduling. Without it, project teams would have difficulty identifying the activities requiring attention, or in predicting the significance of a delay or disruption. But mathematically determined float does not cleanly translate to the urgency of completing an operation in the real world. Nowhere is this lack of definition starker than in the concept of float consumption, or the reduction in float of non-critical activities caused by a delay or disruption. In real-world CPM networks, resource limitations are often expressed through changeable Resource-Driven Logic. These 'soft' relationships can be modified to mitigate delays, but this dynamic greatly complicates Float Consumption theory. Presented by Greg Hall, PSP, of Keiwi

TUE 26 in Marina 3

Cut through Cloud Fog with New CPM Scheduling Trends

With over 19 years of Cloud-based hosting of scheduling software we figured it was time to conduct a meta-analysis of our experience with scheduling technology in the Cloud. Bulk results revealed many common scheduling trends, but what got our engines revving were the anomalies showing new-found creativity. Today, the LOADSPRING CLOUD PLATFORM has over 3 million schedules containing over 2 billion activities – impressive right? This presentation shares a few of the creative anomalies that were discovered including demonstrations. Creativity ranged from unique approaches used to engage non-Schedulers with scheduling software to how one organization uses artificial intelligence to provide answers on project performance to Owners. We sought out and found the type of innovation that may soon inject disruptive change to the CPM scheduling process. Presented by Warren Krueger of LOADSPRING

Abstracts TUE 2:00 to 3:15

TUE 31 in Harbor 1

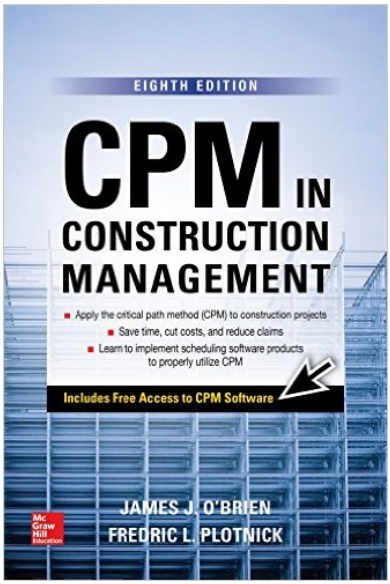
Constructive Acceleration - How Damages Are Recovered Around the Globe
Presented by Jim Zack. What more need be said?

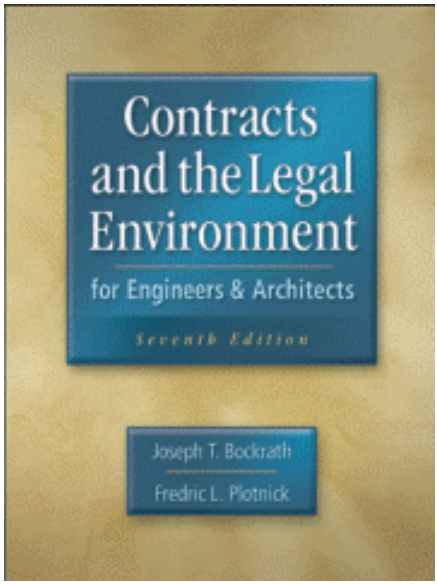
TUE 32 in Exec 2

WHY SHOULD I DO THAT? WHY SHOULDN'T I DO THAT?
Last year's discussion was so lively we decided to do it again! This interactive discussion will focus on the advantages and disadvantages of using various techniques in current construction scheduling practice based on the practical realities of most construction projects. Using "real life" video examples and hypothetical situations, several topics will be explored Presented by Charles V. Choyce, Jr., MRICS, PSP, CM-LEAN, PMP, CFCC, Managing Director, and Robert Lamb, PSP, LEED AP BD+C, CM-LEAN, Senior Managing

TUE 33 in Exec 3

Risky Project - Project Risk Analysis and Risk Management Software Tutorial
RiskyProject is integrated project risk management and risk analysis software. RiskyProject facilitates all steps of project risk management process: risk identification, analysis, mitigation and response planning, and risk communication. RiskyProject performs both qualitative and quantitative risk analysis. It performs schedule and cost risk analysis using Monte Carlo simulations. RiskyProject's risk register includes all information about risks. These risks can be assigned to project schedule and used in risk analysis. Lev Virine will present this How To tutorial on Risky Project.





see us at Table #30 and our Smoke & Mirror Reception

Abstracts TUE 2:00 to 3:15

TUE 34 in Exec 4

Integrated Cost/ Schedule Risk Analysis using Monte Carlo CPM

Schedule risk has typically been ignored in assessments of cost risk in relation to complex construction projects—only recently have the tools been available to include a full analysis of the impact of schedule uncertainty on the uncertainty in cost. This presentation will provide an updated look at the integrated analysis of both schedule and cost risk to estimate the appropriate level of cost and schedule contingency reserve on projects, and will also address the prioritization of the risks to cost (some of which are also risks to schedule), so that risk mitigation may be conducted in a cost-effective way. Presented by Mike Nosbisch and David Hulett.

TUE 35 in Exec 1

Program Manager Causes Paradigm Shift

This SYNCHRO User presentation will provide an overview of the planning, scheduling & tracking of a complex wastewater treatment plant project which has used Synchro PRO and SWP since 2014. We will compare and contrast the process pre-SYNCHRO PRO and highlight how 4D changed & impacted the process. What happened, who participated, how were options identified and analyzed. We will focus on the concrete scheduling for the Disinfection Contact Basin, a major challenge identified by using SYNCHRO and show how a reliable and innovative solution was found. This is an eye opening example of the power of 4D which will inspire attendees with new ideas to implement on their own projects of any type. Presented by Serelle Corn, AIA, and Jeff Campbell, PSP, Director of Virtual Planning, Project Controls Cubed

TUE 36 in Marina 3

Top Ten Issues that Confuse Schedulers

Lessons learned from dispute resolution and project failure reveal that technical scheduling issues are often not well understood and lead to prolonged project durations and lowered client satisfaction. Many of these issues are confusing to the construction management team, and just as often, confusing to the schedulers on the project. The author has compiled his top ten list of technical scheduling issues and concepts that most often result in confusion and an inability to quickly resolve or to mitigate in order to bring the project back to on-time completion. This session will provide some clarity to often-confused concepts and recommend time- tested steps that can be used in a collaborative environment for project success. Presented by Chris Carson, FRICS, FAACE, FGPC, PSP, CEP, DRMP, CCM, PMP

ProjectControls .online

see us at Table #40

Abstracts TUE 3:35 to 4:50

TUE 41 in Harbor 1

Assault Against Arbitration

The contract may say Arbitration - but more Courts are saying "Not so Fast." Come to this session to join the discussion upon the effect the ongoing assault against arbitration nationwide has on arbitration provisions contained in construction-related contracts. By Martha Curtis of Sher Garner Cahill Richter Klein & Hilbert, LLC.

TUE 42 in Exec 2

Schedule Stability

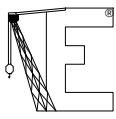
Schedule stability analysis is necessary to trust a CPM project schedule. Single schedule snapshot analysis is insufficient. Metrics collected from at least a few schedules, but preferably more, are assembled, graphed, and analyzed. Schedule quality is also evaluated forensically using similar analysis. Some analysis applications can automate this complex task. Presented by Diego Sanmiquel of Built On Vision

TUE 43 in Exec 3

Wondering if you need to upgrade your risk tool? Here's why!

You may be using one of the quantitative risk analysis tools that has been around for a while. Your current tool may or may not be receiving steady enhancements. Either way, any enhancements will be built upon the original architecture. Whereas, designing a solution from scratch provides the opportunity to radically re-think ease-of-use, performance and ultimately the achievable risk maturity level. That's exactly what the former leaders of Pertmaster did - Russell Johnson (CTO), Sarim Khan (CEO) and Fred Dahlberg (Lead Developer) took the opportunity to achieve meaningful improvements in ease-of-use, performance and how to consolidate cost and schedule risk models when they designed Safran Risk. The result is the only commercially available solution capable of supporting David Hulett's "Level 5, risk maturity level". Presented by Fred Dahlberg, Lead Developer for Safran Risk and Mark Franklin, Vice President Safran

Claims of Delay or Disruption?
We Wrote the Book



EnProMaC

Engineering & Property Management Consultants, Inc.
261 Old York Road – Suite #732
Jenkintown PA 19046
www.enpromac.com info@enpromac.com 215-885-3733

Abstracts TUE 3:35 to 4:50

TUE 44 in Exec 4

Connecting high fidelity cost models with CPM schedules

Creating cost models that account for the dimension of time – and react naturally to the inevitable schedule changes – is no longer a daunting task. Today's cost engineers are producing defensible, benchmarked estimates, budgets, and forecasts that can withstand the highest degree of scrutiny, and answer the toughest "what if?" questions. Presented by Brad Barth, Chief Product Officer, InEight

TUE 45 in Exec 1

Get to the Truth in Your Schedules with Steelray

Project schedules represent a very large data set – activities, assignments, actuals, changes, etc. The task of making sense of this data set is both difficult and time consuming. In this session, Brian Leach will show how to understand your schedules more easily and quickly using Steelray's suite of tools.

steelray

TUE 46 in Marina 3

Re-defining Critical

A Panel Discussion hosted by the AACEi Planning & Scheduling Subcommittee

Open to all attendees - come see how AACE solicits input from planning & scheduling professionals

BUILT ON VISION

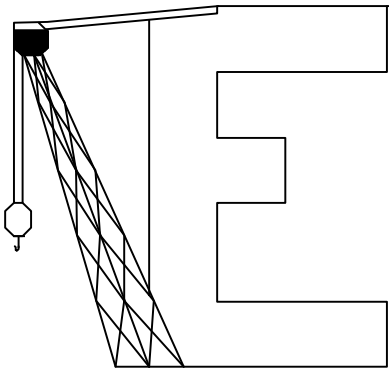
BOV

see us at Booth 28

Late Night at Top of Hyatt
Late Night at Whiskey House
Late Tuesday Evening 9pm – ??am
Sponsored by

EnProMaC

***Choreographers for the Construction Industry*SM**



Must Your Project Be Completed On Time?
Is There A Bonus For Early Completion?

Engineering & Property
Management Consultants, Inc.
261 Old York Road – Suite 732
Jenkintown PA 19046
www.enpromac.com info@enpromac.com 215-885-3733

Abstracts for WED 8:00 TO 10:40

Enjoy Wednesday Breakfast sponsored by

SmartPM

TUE 01 in Harbor 1

The Mock Trial – Judge John M Marshall Presiding

Judge Marshall's court is again in session for this year's Mock Trial presentation. So top off your cup of coffee, be seated, and enjoy the show! Judge Marshall will teach the LAW. Two attorneys will be providing examples of trial techniques, setting traps for unwary experts. Two experts will be providing examples of bad and good behavior. One fact witness with actual knowledge will entertain as he provides the facts of the case to Judge Marshall and the jury (you!)

Abstracts WED 8:00 TO 9:15

WED 02 in Exec 2

Admin Tips & Tricks for P6, CM and BI Publisher

This session will provide technical considerations and setups for BI Publisher for CM14. In addition, you will learn tips and tricks on how to create CM14 reports using the BI Publisher web interface and the BI Publisher word plug-in. If you are person responsible for configuring reports for Primavera CM14 and EPPM, you will discover the setup, reports and functionality are very different. Although this session will focus on CM14, the differences between them will be presented.
Presented by Dan Beck of DRMcNatty.

WED 03 in Exec 3

Oracle Document Control

What We Have - Where We Are Going - Update by Oracle.

HUMPHREYS ASSOCIATES

see us at Table #32

Abstracts for WED 8:00 TO 9:15

WED 04 in Exec 4

Why and What Schedulers Need to Know About EVMS

Theory and practical advice, presented by Humphreys & Associates.

WED 05 in Exec 1

Introduction to ScheduleReader

ScheduleReader dynamically presents project data from schedule files, which users can easily filter, organize and share with project stakeholders. Designed to modernize scheduling efforts, it saves valuable time spent on sharing data as PDF or paper, thus improving team's productivity and projects efficiency.

WED 06 in Marina 3

PROJECT PLANNING IN THE INFRASTRUCTURE SECTOR

Project planning and scheduling not alone confines the professional only to manage the schedule, but to analyse the consequences arising out constraints in the form of resources, policy, productivity, space and information. The holistic approach discussed in the study with the inputs from planning professionals across the world emphasis the need for data driven project controls and key stakeholders continued engagement and communication at all levels. The study discuss about the possible extent of data usefulness in mitigating the unforeseen and challenges faced by planning professionals in their approach in planning and scheduling of the projects. Presented by Sandeep Chinnobaiah

Abstracts WED 9:25 TO 10:40

WED 11 in Harbor 1
Continuation of Mock Trial

WED 12 in Exec 2
Why an ENR Top 20 Contractor switched to Asta Powerproject
Mortenson Construction switched to Powerproject for all our Wind Energy projects. This session will demonstrate the unique features of Powerproject that make it more nimble, more accurate, and easier to use than other scheduling tools. Topics will include schedule organization, easy resequencing of work, resource loading, mobile app for progress reporting, Line of Balance view, and others. Presented by Tim Johnson and Amy Bretzke of Mortenson Construction..

WED 13 in Exec 3
Real-time collaboration overview and insights
GenieBelt is a software for mobile and desktop that provides real-time communication from site to office. Progress can be monitored versus the project schedule, activity completion can be audited, and any delays or problems are easily spotted in real time so that the right decisions can be made without delay. Dashboards and reports provide clear information in as much detail as wanted and integrations with existing systems ensure optimal use of project data. Presented by Rusty Hamilton of GenieBelt.

Abstracts WED 9:25 TO 10:40

WED 14 in Exec 4

Evaluating and Implementing an Automated EVMS

Earned Value is a fairly simple concept. Having a reliable, defensible system that can track thousands of activities, integrate cost, and provide a consistent reporting package is difficult to implement. American Electric Power (AEP) investigated and evaluated various options for providing a system that was capable of handling this task. Presented by Charles Blankenbiller of American Electric Power.

WED 15 in Exec 1

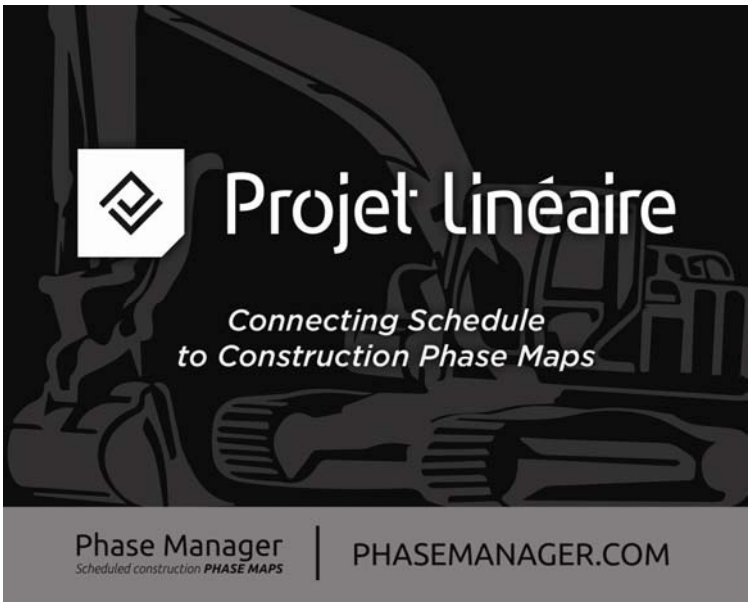
Risk Simulation Problems and Advantages for Reliable Project Control

Risk simulation using tools like Monte Carlo creates an illusion of accurate forecasts. But very often the results are wrong and misleading for many reasons. In this presentation we will discuss the common problems of risk simulation, and proven project control methodology based on risk analysis and simulation. Presented by Vladimir Liberzon and Victoria Shavyrina.

WED 16 in Marina 3

Anatomy of a Murder: How to Spot a DOA Schedule and Resurrect It

There are many people in our industry that believe scheduling is a dark art, practiced by wizards who use the unfathomable tools of the trade to magically produce results favorable to their clients. The goal of this presentation is to use the collected wisdom with some modern tools to convince our industry that scheduling is indeed a science. We will discuss 20 traits of a reliable schedule. We will show how graphic planning method (GPM) de-mystifies the schedule software black box to bring light to drive out the dark art practitioners. And we will explain how it is not the schedule that is the culprit, but instead the interpretation of facts, that yields such widely divergent results. Presented by Bruce Stephan of PMA Consultants.



Rally around the plan

Experience real-time communication from site to office.
Your project plan is automatically updated so site teams
can collaborate efficiently.

GenieBelt

VISIT US AT BOOTH 39

see us at Booth 39

Your island getaway...

Enjoy a 10% discount on all massages, facials, or body treatments.

All Construction CPM Conference attendees receive 10% off on all spa services all conference long!

Visit Island Breeze Spa or islandbreezespasandiego.com for a complete list of services and to book your appoinment.

Dial 2288 from your guestroom.

WED 21 in Harbor 1

Paid Testimony and Your Professional License

Presented by Keith J. Bergeron of Deutsch Kerrigan

WED 22 in Exec 2

Oracle Vision and Roadmap

Discover the exciting new industry trends and technologies that are transforming Oracle Construction and Engineering's planning and scheduling offerings. Understand what's ahead for Oracle Prime, P6, Textura, and Aconex as we share our scheduling roadmap. By attending this session, you will:

• Witness the introduction of Prime Pro, our **next generation desktop scheduling solution** built on modern technology with new innovative features, such as Schedule Health Check, Scenarios, and more powerful Baselines.

• Learn how to distribute quantities, hours, and costs over time with Aconex Connected Cost.

• See how Oracle combines both CPM and Lean scheduling methodologies to more reliably deliver projects on time and under budget.

Attend this session, and take advantage of the scheduling innovations being delivered by Oracle to improve your projects' performance. Presented by Mark Jenkins, Director, Product Strategy, Oracle Construction and Engineering

WED 23 in Exec 3

Schedule Requirement for Federal Projects

Scheduling requirements for Federal Government Construction projects are well laid out in Section 01 32 01.00 10 of the Unified Facilities Guide Specifications (UFGS), are often confusing and misunderstood, but are based on sound scheduling practices for construction projects. This session will provide, a view of these scheduling requirements based on the four key objective of an acceptable construction schedule, as seen by a Government Project Team. The UFSG is a joint guideline specification by the U.S. Army Corps of Engineers (USACE), the Naval Facilities Engineering Command (NAVFAC), the Air Force Civil Engineer Center (HQ AFCEC) and the National Aeronautics and Space Administration (NASA). Meeting the scheduling structure requirements of Section 01 32 01.00 10 can be a source of much misunderstanding and frustration on the part of a Project Team and the Scheduler in achieving an acceptable proposal schedule and/or an approved baseline after award. Presented by David Long, APTIM Federal Services.

see us at Booth 34

SmartPM

Analyze Schedule Quality & Integrity

Ensure Schedule Quality is aligned with industry standards and identify changes made to future schedules that are unrealistic and misleading

Diagnose Project Performance

Get real-time, data driven analysis of progress and performance of contractors

Forecast Milestone Completion Dates

Extrapolate historical performance data onto future activities to predict completion dates of critical milestones

Forensic Delay Analysis

Identify historical critical path delays that drove project cost & schedule instead of hiring consultants and lawyers

CPM Scheduling Innovation Meets Automation

(404) 329-3000 www.smartpmtech.com info@smartpmtech.com

assemble

AN AUTODESK COMPANY

see us at Table #06

Abstracts WED 11:00 TO 12:15

WED 24 in Exec 4

Cost Estimating and Budget Forecasting in P6

The art of cost estimating has evolved in many ways through the years, considering the estimate is always the beginning of a project. Several software applications have their strengths when it comes to providing estimates for projects. Most industries have separated the scheduling department from the cost estimating department. Since these processes have been grandfathered as a standard, several disconnects occur by the time a project schedule is created. Primavera P6 may help in reducing these disconnect if a company process considers this fact. In this presentation, Mr. Costantino will provide a comprehensive step by step process to further enhance a scheduler's ability to fully cost load and resource load a project schedule by means of Cost Estimating and the useful output reports when managing projects or portfolios.

WED 25 in Exec 1

Monte Carlo Schedule Risk Analysis

This presentation includes step by step process of quantitative risk analysis with risk events using Monte Carlo simulations. We start with risk identification and recording using a risk register. Next is assigning risks to tasks and resources with certain probability and impact. Then relationships between risks are identified. This relationship is graphically presented using event chain diagrams. Uncertainties defined by statistical distributions represented unidentified events or "nose". Monte Carlo simulation helps to generate a risk adjusted project schedule as well as rank events and event chains. Mitigation and response planning is conducted for the critical risk events and chains. Additional Monte Carlo simulations determine efficiency and cost of mitigation efforts. The process repeated multiple times during project execution based on actual task duration and cost. Presented by Lev Virine of Risky Project.

WED 26 in Marina 3

THE GREAT DEBATE - Are We Done Yet?

This AACE Presentation features a panel of Owner representatives and Contractor scheduling managers, discussing, and comparing their interests, goals, actions, and scheduling options during project closeout. Our debate will include such topics as substantial & final completion, partial or beneficial occupancy, a Contractor's right to finish early, commissioning & closeout, change management, the punch list, and liquidated damages. Emceed by John Orr & Jeff Milo.

Abstracts WED 1:45 to 3:00

WED 31 in Harbor 1
Ethics and the Expert
A Panel Discussion Led by Judge Marshall

WED 32 in Exec 2
Elecosoft Roadmap/TownHall
Asta Powerproject & More

WED 33 in Exec 3
Schedule Simulation – The Lego Experience
4D scheduling is not easy, and the multitude of other project requirements can be difficult to meet. If the project team is given a 4D schedule they might not be aware of how to use it, and many of the people who create 4D schedules do not have experience in using them. During this session, Lego Blocks will be used to simulate a 4D experience and to demonstrate the benefits of an active 4D process over traditional scheduling. The participants will have to maintain quality, schedule and scope while building their structure. Please bring your laptop, so you can actually use the models to build. After the session, participants will have a better understanding of how 4D, BIM and Lean are incorporated into traditional practices, how they can improve project performance, why it can be difficult for teams to adopt new practices, and what can be done to improve our VDC practices. All this, while playing with Legos!! Presented by Ben Crosby

see us at Booth 18

Abstracts WED 1:45 to 3:00

WED 34 in Exec 4

Integrated Cost/Schedule Analytics for Program Stakeholders

See how Empower provides program stakeholders with the precise information they need to quickly: 1) identify program cost/schedule drivers, 2) review trends, 3) evaluate data quality, and 4) evaluate the reasonableness of estimates-at-completion in an integrated easy-to-use browser-based tool.Empower is compatible with leading earned value engines and scheduling tools.

WED 35 in Exec 1

Making Ships – Managing Complex Construction Projects Alongside SAP PS

Many businesses have selected SAP as their ERP solution and SAP PS (Project System) is the embedded and natural solution for managing projects. SAP PS is very powerful and connects project data to efficiently drive a range of business functions including finance and procurement. However, it may lack some essential capabilities for optimizing complex projects: detailed project reporting, resource leveling, what-if analysis and risk analysis. Using a separate modern project management system creates two versions of the truth and synchronization problems. Navantia, one of the world's largest aerospace and defence companies turned to Safran to deliver a better solution. The solution was seamlessly integrating SAP PS to Safran Project via a SAP-certified integrator. Attend this session to learn how Navantia is improving cost and schedule predictability with improved efficiency. Mark Franklin, Vice President Safran (https://www.linkedin.com/in/mark-franklin-0b99862/), has been closely working with Navantia to turn around their project controls performance. Mark will present Navantia's case study recently presented to SAP's user group.

UPCOMING PROGRAMS

AACE

AACE NorthEast TCM Conference
March 28-29 2019
Philadelphia PA

Join FRED and others on Friday March 29th at
DINE with FIVE NEW FRIENDS AT THE PALM
and other Philadelphia premium restaurants

AACE International Conference & Expo
June 16-19 2019
New Orleans, LA

Join FRED and others on Tuesday June 18th at
FRED'S BALCONY BASH AT BOURBON HEAT

ABA FORUM on CONSTRUCTION

Midwinter Meeting – January 30 to February 1
Los Angeles, CA
2019 Annual Meeting – April 25-27
Hollywood, FL
2019 Fall Meeting – October 24-25
Philadelphia, PA

See You Next Year
B Resort
Downtown Disney Springs
Disney World Florida
January 19 - 22 2020

the REAL ALTERNATIVE

for construction scheduling

phoe·nix *[fee-niks]*
-noun

1. A bird in Egyptian mythology that lived in the desert for 500 years and then consumed itself by fire, later to rise renewed from its ashes.

2. The last word in CPM Scheduling Software. . .

phoenix
PROJECT MANAGER