Construction

CPM

Conference

January 10-13, 2017

Walt Disney World

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Welcome
to the seventh
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

See you again
JAN 30th – FEB 2nd
2018
New Orleans, LA
Enjoy Education, Training and a Taste of Mardi Gras

Welcome Reception

Sponsored by

ORACLE®

CONSTRUCTION AND ENGINEERING

Tuesday, January 10th
7 – 10 pm
Swan Terrace

Ticketed event
Relax and Network with New Friends
Enjoy hors d'oeuvres or a light meal and two drinks
Courtesy of Oracle (additional drinks may be purchased)

List of Exhibitors and Sponsors

Breakfast and Lunch served at il Mulino Restaurant
located near Swan exit to Dolphin and Boardwalk

Conference Floor Layout

Osprey Ballroom
2   1

Osprey Terrace 1

Ramp

Pre-F
iCafe

Regis

Parrot
2   1
Office | Clinic

Pre-F

23 22
Risky CDP
Project

21 20
Deltek

19
Asta

18
Schedule
Analyzer

Phoenix
17

Spider Foresee
14 15

Swan Foyer

Women

Men

Welcome Reception by Oracle
 Swan Terrace between Lake and Pool
TUE 700-1000pm

Mardi Gras Happy Hour by Phoenix
 Osprey Terrace and Exhibitor Area
WED 450-630pm

Smoke & Mirrors Reception by Ron Winter
 Il Mulino Courtyard
WED 900-1100pm

Super Football Happy Hour by DELTEK
 Osprey Terrace and Exhibitor Area
THU 450-630pm

Dessert & Fireworks by Fred Plotnick
 EPCOT Worldcase Italian Waterfront
THU - Early Entry to EPCOT at 700pm
THU - Reception and Show 800-930pm

Corridor A

Swan 4

Swan 3

Swan 2

Swan 1

KEYNOTES

Service

Service

Breakfast and Lunch served at il Mulino Restaurant

Our Internet Café in Osprey Pre-Function – is provided by

M&A McCULLOUGH & ASSOCIATES
CONSTRUCTION CONSULTING

Tuesday Program

2 – 9 pm   **Registration**
7 – 10 pm   **Oracle Welcome Reception – Swan Terrace**

Wednesday Program

6:30 – 8 am   **Hot Breakfast – sponsored by Phoenix**
                           served at il Mulino Restaurant
8 – 9:15 am   **Opening Remarks and Keynote Presentations**
9:15 – 9:45 am   **Coffee Break sponsored by Hito**

9:45 – 11 am   **Breakout Sessions**
   SwanSalon 1   **Oracle Primavera Solutions for E&C**
   SwanSalon 2   **Open Plan Out of the Box to 1st Report**
   SwanSalon 3   **Microsoft Project for Construction**
   SwanSalon 4   **Phoenix Project Planner**
   Osprey 1   **BASIS – From Scheduling to True Planning**
   Osprey 2   **Ted Douglas on Managing Schedule Change**

11:10 am – 12:25 pm   **Breakout Sessions**
   SwanSalon 1   **Schedule Development Using P6**
   SwanSalon 2   **Deltek Acumen Fuse**
   SwanSalon 3   **Advanced Schedule Logic Analysis for MSP**
   SwanSalon 4   **Introduction to Asta Powerproject**
   Osprey 1   **Introduction to Spider Project Software**
   Osprey 2   **Schedule Health Killing Project Predictability**

12:25 – 2 pm   **Lunch served at il Mulino Restaurant**

2 -3:15 pm	**Breakout Sessions**	
SwanSalon 1	**Schedule Updating Using P6**	
SwanSalon 2	**Deltek Acumen Risk**	
SwanSalon 3	**EV in a War Zone: Understanding Earned Value**	
SwanSalon 4	**Introduction to Micro Planner X-Pert**	
Osprey 1	**NetPoint Metrics Capabilities**	
Osprey 2	**BIM to Intelligent Workflows**	

3:15 – 3:35 pm   **Afternoon Break**

3:35 – 4:50 pm	**Breakout Sessions**
SwanSalon 1	**P6 File Corruption**
SwanSalon 2	**Five Steps to Schedule Maturity with Acumen**
SwanSalon 3	**Top Ten Things I Learned about Scheduling in an Outage**
SwanSalon 4	**Asta Powerproject BIM Functions**
Osprey 1	**Planning Planet Guild Town Hall**
Osprey 2	**CPM: Tool or Sword and Shield**

4:50 – 6:30 pm   **Networking Reception sponsored by Phoenix**

7:00 – 9:00 pm	**Dine on own or with Five New Friends**
9 pm – 12 am	**One Last Drink at Il Mulino**
	Enjoy a cigar from Ron Winter

Menu by Chef of Swan Resort

Breakfast Buffet 6:30-8:00AM Wednesday January 11
Selection of Juices, Seasonal Fresh Fruit and Berry Salad
Assorted Plain and Flavored Yogurts
Assorted Breakfast Bakeries, White and Wheat Toast, Danish, Muffins, New York Bagels
Scrambled Eggs with Fresh Herbs and Crispy Bacon
Continuous coffee with added assorted pastries to 11:00 AM in Exhibitor Area

Plated Lunch 12:25 PM Wednesday January 11
Garden Greens, Tomatoes, Carrots, Cucumber Herbed Vinaigrette
Rigatoni Pasta, Braised Chicken, Button Mushrooms,
Tomato Basil Sauce Pecorino Romano
Tiramisu Cake, Coffee Anglaise

Breakfast Buffet 6:30-8:00 AM Thursday January 12
Selection of Juices, Seasonal Fresh Fruit and Berry Salad
Assorted Plain and Flavored Yogurts
Assorted Breakfast Bakeries, White and Wheat Toast, Danish, Muffins, New York Bagels
Breakfast Strata of
Potatoes, Onions, Bell Peppers, Sourdough Bread, English Cheddar, Fresh Herbs
Pork Sausage Links
Continuous coffee with added assorted pastries to 11:00 AM in Exhibitor Area

Plated Lunch 12:25 PM Thursday January 12
Broccoli, Vermont Cheddar Soup
Garden Greens, Turkey, Ham, Cheddar, Swiss Black Olives, Tomatoes,
Diced Eggs and Peppercorn Dressing
Key Lime Pie, Raspberry Sauce

Breakfast Buffet 6:30-8:00 AM Friday January 13
Selection of Juices, Seasonal Fresh Fruit and Berry Salad
Assorted Plain and Flavored Yogurts
Assorted Breakfast Bakeries, White and Wheat Toast, Danish, Muffins, New York Bagels
Huevos Rancheros, Scrambled Eggs, Chorizo Sausage,
Potatoes, Enchilada Sauce, Corn Tortilla
Continuous coffee with added assorted pastries to 11:00 AM in Exhibitor Area

*Mediterranean **Buffet Lunch 12:15 PM Friday January 13***
Hearts of Romaine, Herbed Croutons, Creamy Parmesan Dressing
and Italian Vinaigrette, Freshly Grated Parmesan Cheese
Antipasto Salad of Mozzarella, Grape Tomato, Artichoke Hearts, Peppers, Olives,
Pepperoncini and a Basil Vinaigrette
Toasted Cous Cous, Roasted Asparagus, Red Peppers, Pesto Vinaigrette
Assorted Pizzas: Italian Sausage with Peppers and Onions, Pepperoni and Margarita
Baked Ziti with Ricotta
Assorted Desserts:
Cherry Clafoutis, Amaretto Panna Cotta, Orange Meringue Tart
Coffee, Chocolate, Bavarois Cake

Daily Afternoon Break of Lemonade and Iced Tea and Snack

Attendees with Special Needs please inform at Registration Desk

Thursday Program

6:30 – 8 am	**Hot Breakfast served at il Mulino Restaurant**
8 – 9:15 am	**Opening Remarks and Keynote Presentations**
9:15 – 9:45 am	**Coffee Break sponsored by Phoenix**

9:45 – 11 am   **Breakout Sessions**

SwanSalon 1	**Interaction of Law & Scheduling**
SwanSalon 2	**Integrating Procore and scheduling software**
SwanSalon 3	**Advances in Schedule Risk Analysis**
SwanSalon 4	**COBRA for Schedulers**
Osprey 1	**Dengenis on Synchro 4D BIM**
Osprey 2	**Reviewing the CPM Spec for GSA**

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

SwanSalon 1	**Construction Contracts & Dispute Resolution 101**
SwanSalon 2	**XER vs. XML**
SwanSalon 3	**TBD – see Schedule at Registration for Updates**
SwanSalon 4	**Cost Loading Rules for USACE's QCS/RMS**
Osprey 1	**Enhanced Resource Planning**
Osprey 2	**Synchro Case Study**

12:25 – 2 pm	**Lunch sponsored by Phoenix**
	served at il Mulino Restaurant

ENJOY LUNCH SPONSORED BY

Thursday Program cont'd

2 – 3:15 pm	Breakout Sessions
SwanSalon 1	A CRYSTAL BALL by Jim Zack
SwanSalon 2	Inner Workings of P6
SwanSalon 3	Spider Project Risk Simulation
SwanSalon 4	I'm Rejecting Your Schedule
Osprey 1	TILOS
Osprey 2	Box-Out Schedules Regain Contractor Focus

3:15 – 3:35 pm   Afternoon Break

http://www.myvillagegreen.com/

3:45 – 4:50 pm	Breakout Sessions
SwanSalon 1	Plotnick on Analysis of Delay
SwanSalon 2	Inner Workings of P6
SwanSalon 3	Risky Project Project Risk Analysis
SwanSalon 4	Why PennDOT Chose ASTA
Osprey 1	Resource Constrained Scheduling
Osprey 2	Ten Biggest Lies In Project Controls

4:50 – 6:30 pm   Super Football Networking Reception

by

7 – 10 pm   EPCOT Dessert & Fireworks Reception

Deltek Know more.
Do more.™

Deliver more.

Tired of project delays and overruns?

Successful project completion starts with a sound schedule. Deltek Acumen Fuse diagnoses and resolves schedule shortcomings in a matter of seconds for consistently successful execution.

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Visit deltek.com/ppmtrial

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Friday Program

6:30 – 8 am	**Hot Breakfast served at il Mulino Restaurant**
8 – 10:40 am	**Mock Trial – Judge Marshall Presiding** **our courtroom is in SwanSalon 1 & 2**

8:00 – 9:15 am   Breakout Sessions

SwanSalon 3	**Admin Tips & Tricks: P6, CM and BI Publisher**
SwanSalon 4	**Utilizing Primavera Unifier with Templates**
Osprey 1	**TBD – see Schedule at Registration for Updates**
Osprey 2	**TBD – see Schedule at Registration for Updates**

9:25 –10:40 am   Breakout Sessions

SwanSalon 3	**The Critical Path Definition Revisited**
SwanSalon 4	**Prolog Document Control**
Osprey 1	**Jointly Leverage Unifier & P6**
Osprey 2	**Virtual Reality and 4D**

10:40 – 11:00 am   Coffee Break

11:00 – 12:15 pm   Breakout Sessions

SwanSalon 1	**Circling the Wagons: Schedule v Litigation Risk**
SwanSalon 2	**Oracle Primavera Town Hall**
SwanSalon 3	**Project Risk Analysis Step by Step**
SwanSalon 4	**Integration of Lean, Pull Planning, CPM**
Osprey 1	**Mitigating Delay Claims with Risk Awareness**
Osprey 2	**Next Generation Professional Scheduler**

12:15 – 1:45 pm Lunch served at il Mulino Restaurant

2:00 – 3:15 pm   Breakout Sessions

SwanSalon 1	**Jones Day on Law of AEC Claims**
SwanSalon 2	**SELLING SCHEDULING SERVICES**
SwanSalon 3	**Schedule Simulation with LEGOs**
SwanSalon 4	**Trimble Vico**
Osprey 1	**Ideal Project Durations**
Osprey 2	**UFSG Project Schedule Structure**

Friday Program cont'd

3:15 – 3:35 pm   Afternoon Break
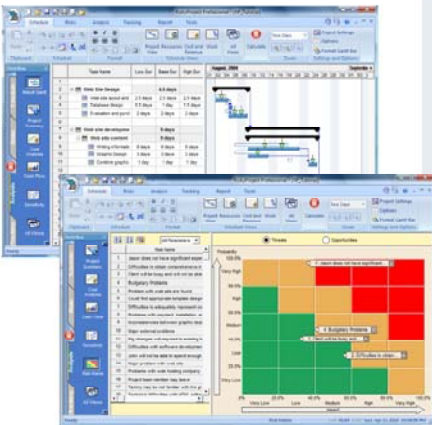
3:35 – 4:50 pm   Breakout Sessions
  SwanSalon 1   Ethics and the Expert
  SwanSalon 2   The Great Debate
  SwanSalon 3   Schedule Simulation with LEGOs
  SwanSalon 4   TBD – see Schedule at Registration for Updates
  Osprey 1   CPM Activity Status – When did it happen?
  Osprey 2   UFSG Project Schedule Reporting Requirements

4:50pm   Farewell with a sweet treat

Saturday Morning
8 – 10 am   Join Fred for breakfast at Fresh at Dolphin
                    (Separate checks)

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ENJOY COFFEE
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WEDNESDAY

COFFEE

BREAK

Hosted by:

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Abstracts WED 8:00 to 9:15

Opening Remarks
from our host Fred Plotnick and first leader James J O'Brien

Keynote by John Livengood, President AACE International
The professional/technical societies many of us belong to, such as ASCE, CMAA and AACE all aim to assist their members by three major means: (1) development and maintenance of technical knowledge; (2) education and training of current and future members; and (3) networking opportunities. The advent of the internet has made the need for such associations even more essential. Learn more about how and why this is so critical.

WED 9:45 to 11:00

WED 11 in SwanSalon 1
Introduction to Oracle Primavera's Solution for Engineering & Construction
Come learn about Oracle Primavera's commitment, focus and discipline to engineering and construction solutions. A comprehensive approach to address the big and complex as well as the small and simple. Topics will include: Overview of total industry solution offering; Integrating Cost & Schedule; Changing the game - from creation to status collection to reporting. Presented by Garrett E. Harley, director engineering and construction strategy

WED 12 in SwanSalon 2
Deltek Open Plan Download to 1st Update
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

WED 13 in SwanSalon 3
Microsoft Project for Construction A "How to Use" Tutorial
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 secret of using MS Project is to understand how it works 'under the hood'. There is a right way and a wrong way to update a MS Project schedule. Once you know this, you can 'make' MSP properly reflect complicated status including out-of-sequence progress resembling Retained Logic. 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.

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 with the conference office in Parrot 2, email info@constructioncpm.com or call 215-313-5110 to check for late cancellations or additional tables becoming available.

THE FLORIDA BAR

JOHN F. HARKNESS, JR.
EXECUTIVE DIRECTOR

651 EAST JEFFERSON STREET
TALLAHASSEE, FL 32399-2300

850/561-5600
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Certificate of Accreditation
for Continuing Legal Education

Reference Number:	1608611N
Title:	Construction CPM Conference
Level:	Intermediate
Approval Period:	01/10/2017 - 07/10/2018

CLE Credits

General	19.5
Ethics	4.5
Technology	6.0

Certification Credits

Construction Law	19.5

Professional Engineers may report 22.5 PDH in Model States
Also approved by AACE and PMI

Abstracts WED 9:45 to 11:00

WED 14 in SwanSalon 4
Introduction to Phoenix Project Planner

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.

WED 15 in Osprey 1
From Scheduling to True Planning – Introducing BASIS

This presentation introduces a new solution that advances organizations from basic scheduling to true planning. BASIS promotes a knowledge-driven planning approach that captures domain expert feedback, consensus across multiple project stakeholders and validation against an organization's knowledge base resident in the application. In addition, BASIS is the first project management application to harness advances in AI and Machine Learning to drive further efficiency and accuracy into plan development. The net result is a calibrated and realistic project plan ready for execution. Complimenting your existing CPM, schedule diagnostics and risk management tools such as Primavera P6, Oracle Risk Analysis (f.k.a. Pertmaster), Acumen Fuse and Acumen Risk, BASIS provides the missing link towards establishing the perfect plan. Presented by Dr. Dan Patterson, PMP.

WED 16 in Osprey 2
Managing Schedule Change

Schedule change management includes any change to the project scope of work: or any deviation, performance trend or change that affects the approved or baseline project time management plan. This presentation will focus on discussion of potential impacts to the schedule and implementation of an effective schedule change management process that benefits both the project owner and the project team. Presented by Ted Douglas, CCP, PSP, FAACE, Principal of ACTPMA, LLC Consulting.

Oracle Primavera One-on-One Clinic

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Project Oversight & Delay Analysis

CPM Schedule Assessment

Ted Douglas, CCP, PSP, FAACE
Long Island, New York

actpma@optonline.net

www.actpma.com

WED 11:10 to 12:25

WED 21 in SwanSalon 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, Managing Consultant for Hill International (www.hillintl.com) and Charlie Jackson, Vice President of Project Life Span, LLC..

WED 22 in SwanSalon 2
Deltek Acumen Fuse: The Truth about Schedule Quality

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.

WED 23 in SwanSalon 3
Advanced Schedule Logic Analysis for Microsoft Project

Complex sequencing logic can be difficult to extract and display in Microsoft Project, especially when constraints, variable calendars, and resource leveling complicate Project's Slack (Float) calculations. So we wrote our own Add-In to make Project sing like a rock star. BPC Logic Filter started as a lightweight tool to show only logically-connected tasks. Over the years we've added advanced features to focus on Driving Relationships, Project Longest Path, Multiple Float Paths, Driving Path Drag, and – most recently – Resource Leveling Drivers. This last feature identifies the Resource Constrained Critical Path for any resource-leveled schedule in MS Project. We've also added some graphical highlighting options to polish up the output. Presented by Thomas Boyle, PE, PMP, PSP, of boyleprojectconsulting.

S **c** hedule
A nalyzer

Ron Winter Consulting LLC

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email at
Ron@RonWinterConsulting.com

Abstracts WED 11:10 to 12:25

WED 24 in SwanSalon 4
Introduction to Asta Powerproject Schedule Tool for Planners
An introduction to how Asta Powerproject makes scheduling easier and more cost effective. Come take a look why Asta Powerproject is quickly being adopted across the entire USA. Every construction company wants to "share" licenses, Asta listened and is the only construction specific scheduling software to offer concurrent licensing. See why large and small construction companies such as Saunders Construction, Encore Electric and PCShave improved performance, gained widespread use and reduced training costs by turning to Asta Powerproject. Come see how everyday scheduling functionality can be accomplished with Asta Powerproject's unique "drag & drop" functionality. We will show you how Asta Powerproject is really easy to use, easy to learn, powerful and more reliable than other software for construction scheduling. We will also present an overview of the Enterprise version which gives real-time multi-user collaboration across all projects and teams. Presented by Wendy Corrigan, Project Integration - Asta Authorised Reseller & Trainer

WED 25 in Osprey 1
Introduction to Spider Project Software
Spider Project is the only PM software that optimizes resource, cost, and material constrained schedules and budgets for projects and portfolios. Spider has more unique features than any other software on the market (e.g. automatic resource assignments) but maintains a decentralized approach so users are not hamstrung by security controls or internet service. Used in 28 countries, Spider Project has now entered the USA! Come see the next generation of scheduling software today. Presented by Vladimir Liberzon

WED 26 in Osprey 2
Schedule Health - Killing Project Predictability
It seems recently, more and more schedules are poorly built, neglecting what would be considered "best practices" and causing confidence in meeting schedule dates to drop off significantly. There are some key elements defeating or overriding the intelligence our current software produces turning the CPM schedule into nothing more than a cartoon on a sheet of paper and into nothing resembling CPM at all. To let our scheduling tools work properly, we must get back to basics and build good, logically driven schedules for the PMs and project teams to have confidence in what the CPM schedule tells us is accurate and predictable.
In this presentation, the author, an experienced P6 scheduler and risk analysis consultant will review and discuss these key elements driving Project Managers away from the project schedule and creating their own. Using Primavera P6, Acumen Fuse and Acumen Risk Metrics, these issues can be identified quickly and to help develop a proper, healthy schedule and restore confidence in the project schedule dates and logic. Presented by Darryl Townsend of DRMcNatty.

Abstracts WED 2:00 to 3:15

WED 31 in SwanSalon 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, Managing Consultant for Hill International (www.hillintl.com) and Charlie Jackson, Vice President of Project Life Span, LLC.

WED 32 in SwanSalon 2
Deltek Acumen Risk: The Rewards of Schedule Risk Analysis
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

WED 33 in SwanSalon 3
EV in a War Zone: Understanding Earned Value - How to apply it
"Earned Value" is a buzz term that is often used to install a sense of confidence in a project, but also is often miss-used and misunderstood. This discussion will help understand the difference between the system (EVMS), the management approach (EVM), and the variable (EV) and how the correct application truly can increase your confidence in the successful delivery of a project. We will also discuss a Case Study: "EVM in a War Zone" to see how sound Earned Value Management practices were applied to manage a $1.5B / year project during the height of the 2009/2010 troop surge in the Middle East. Presented by Erik Tuma, Granite Construction.

Abstracts WED 2:00 to 3:15

WED 34 in SwanSalon 4
Introduction to Micro Planner Manager
X-PERT for Windows a Critical Path Logic network based product either ADM or PDM format, a host of project planning and scheduling features, Resource Scheduling, Earned Value Performance, Gantt and Project Cost Controls easier to use than many packages. Details X-PERT's major features will be demonstrated this session, Micro Planning International's owners. Presented by Raphael M Dua MACS PCP, General Manager Micro Planning International Asia Pacific Pty Ltd.

WED 35 in Osprey 1
NetPoint Metrics Capabilities
Without a framework, such as the Core Traits of a Reliable Schedule, the metrics exercise lacks credibility because one simply wanders from dashboard dial to indicator without understanding the schedule holistically. Recently PMA Consultants LLC published, Core Traits of a Reliable Schedule. It was an eighteen month effort with over 20 contributing authors. As a contributing author I had the opportunity to work with our top scheduling talent from around the country in developing a framework with which a high quality reliable schedule can be understood. Led by Dr. Gui Ponce de Leon, PhD, PE, PMP, LEEDAP, we worked together to hash out and perfect a detailed and comprehensive approach to creating, progressing, and analyzing a critical path schedule. From these Core 20 traits we drill down to a detailed explanation of what each trait means, and what the impact to the quality of the schedule will be if the trait is not properly adhered to. This is the guiding framework for the new schedule metrics functionality in NetPoint. Presented by Timothy Deane Mather, PMP

WED 36 in Osprey 2
BIM to Field: Intelligent Workflows Improving Schedules / Reducing Re-work
Trimble will be demonstrating how to utilize advanced technology tools in the construction industry to improve your quality and speed of placement in the field to improve your schedules. Accuracy and quality control are married together with 3D BIM or traditional 2D workflows to ensure project tolerances with the use of Robotic Total Stations and 3D Laser scanners. We will be walking you through the construction process to show you how new methods of data collection will revolutionize the product placement, project schedule, as-built collection and quality control verifications of any project. Presented by Leighton Kellett of BuildingPoint.

WED 3:35 to 4:50
WED 41 in SwanSalon 1
P6 File Corruption
The subject of P6 File Corruption is a multi-faceted issue involving both reality and perception. Practically every P6 scheduler and claims consultant will, at some time, ask themselves if they are seeing this fault occurring. Real instances of corrupt data in the P6 database can be identified and some possible solutions sometimes exist. In other cases, the information only appears to be corrupt due to P6's complexity. In these cases, a scheduler needs to be armed with a list of potential causes for unusual occurrences. Two PSP certified schedulers who are also IT experts present this unique paper on the subject of P6 File Corruption. They will explain why this can happen and show examples of such occurrences. Sometimes, a solution is present. Other times, the solution is missing but at least the first step in solving the problem is to identity the cause. Presented by Ron Winter, PSP, author of Schedule Analyzer Software; and Marina Sominsky, PSP, PMP, EIT

WED 42 in SwanSalon 2
Five Steps to Schedule Maturity with Deltek Acumen
Think of project planning as a three-legged stool. We've already improved the quality of our schedule (leg 1), improved accuracy by accounting for risk (leg 2), now we'll take a look at the third key element to successful project planning: accurate resource planning. A resource loaded schedule is the perfect marriage between the work required to complete the project and the resources needed to complete the work. This presentation focuses on best practices for achieving this harmony and why it's important to remove the traditional silos between cost forecasting and scheduling and learn how Deltek Cobra and PM Compass can make this a reality! Presented by Tom Polen

WED 43 in SwanSalon 3
Top Ten Things I Learned about Scheduling in an Outage.
Presented by Charlie Dunn of DPR Construction

Abstracts WED 3:35 to 4:50

WED 44 in SwanSalon 4
Asta Powerproject BIM Functions
Bringing 4D planning within affordable reach within one application. See how Asta Powerproject incorporates Building Information Modeling (BIM) features to enable 4D planning; drive greater collaboration; and deliver communication, time and efficiency benefits. Over 50% of the value of BIM is used during scheduling. Asta Powerproject BIM delivers on that promise with an easy way for users and their clients to truly visualize project status in 3D against the schedule and plan corrective measures if the project is falling behind. We will show you how you can link project plans and interactive 3D models in a single application so that BIM can become a usable tool for everyone – not just an expensive tool for a few specialists. Presented by Megan DePoty, Elecosoft

WED 45 in Osprey 1
Planning Planet Guild Town Hall
Q & A on Planning Planet's Guild and Guidelines. Moderated by Chris Carson.

WED 46 in Osprey 2
CPM: Tool or Sword & Shield - Debate: Owner v Contractor
The CPM schedule is frequently perceived not as a tool to manage a project, but as a sword to attack and a shield to defend during disputes between Owners and Contractors. This perception comes to light during the baseline schedule review and approval process, when issues about the interpretation of the schedule specification requirements, sequestration of float, unbalanced cost and resource loading and other aspects of the schedule are out on the table. This session will feature an Owner's Representative and a Contractor Scheduling Manager discussing the issues which arise during schedule development, review and approval, highlighting the basis and the reasons for this initial mistrust between Owners and Contractors. Although presented as a debate, the goal of this session is not to determine a winner, but to reach agreement on shared goals and viable solutions that benefit both parties and make the CPM schedule a tool, not a contest between Owner and Contractor. Presented by John Orr, Senior Scheduler, AECOM and Jeff Milo, Senior Planner/Scheduler, Brasfield & Gorrie

Following Classes Enjoy Our
Mardi Gras Themed Happy Hour
Sponsored by

smoke and mirrors
late-late night
reception

Proudly sponsored by
Schedule Analyzer Software
Ron Winter Consulting LLC

WED 9pm to midnight at il Mulino Courtyard

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IN YOUR FUTURE. SO NOW WHAT?

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Learn more at our session
Wednesday at 2:45pm

FORESEE CONSULTING

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Abstracts THU 8:00 to 9:15

THU 00 in SwanSalon 1 & B
Keynote on Industry's Need for Schedulers by Al Landes
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. Presented by Al Landes, Past President of AGC

Keynote on State of CPM Scheduling by Fred Plotnick
CPM was created in 1956. Supported by terminal to mainframe computing in 1970s. Supported by personal computing in 1980s. Supported by laptop to home office servers in 2000s. Supported "in the cloud" with tablet terminals to mainframe server farms in the 2010s. How are needs of end users being addressed? How can we professionals best serve our employers and clients with the current tools provided?

THU 9:45 to 11:00

THU 11 in SwanSalon 1
Litigation Track Keynote - Andrew Ness
Past President of ABA Forum on Construction, on the interaction of law and scheduling on a time-centric construction project

THU 12 in SwanSalon 2
Integrating Procore and Scheduling Software
Presented by Darryl Kysar, Sr. Business Development Manager of Procore

THU 13 in SwanSalon 3
Advances in Schedule Risk Analysis
During this session we will review current risk analysis techniques and discuss the pros and cons of approaches to uncertainty assessment and the use of risk registers. Taking it a step further, we will dive into how to make these techniques more effective in assessing true risk exposure on your projects. We will conclude with a thought-provoking examination of new cutting edge techniques that make risk analysis an even more useful tool for accurately predicting project outcomes. Presented by Dr. Dan Patterson, PMP

THU 14 in SwanSalon 4
COBRA for Schedulers
Simplify with Cobra 8.0. Managing costs and measuring Earned Value (EV) doesn't have to be complicated. Simplify your processes today with Deltek Cobra, the industry's leading cost and earned value management system. Join us for an interactive session as we review the latest release of the robust, easy-to-use system, and discover how you can improve project delivery while still maintaining compliance with rigorous government standards. Presented by Dan Demangos, Advanced Solution Architect.

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Abstracts THU 9:45 to 11:00

THU 15 in Osprey 1
Dengenis on Synchro 4D BIM
Twenty percent of Construction CPM Conference attendees use Synchro software for their complex projects. Join Tom to find out why – and how to use this tool.

THU 16 in Osprey 2
Reviewing the CPM Spec for a GSA Project
The Federal Government, and particularly the General Services Administration (GSA), has focused significant attention in the recent years on improving its schedule oversight and management functions in the face of a history of projects that have experienced significant delay, cost overruns, claims and disputes. This has included the implementation of revised Division 1 Specifications for scheduling, resource loading, monitoring of actual manpower expenditures against the approved baseline schedule, and proof of delay and time extensions. This session will provide an overview of the CPM scheduling and proof of Delay requirements under a recent GSA project that employed the revised Section 013200 – Division 1 Specifications. Presented by Mark Anderson of Warner Construction Consultants

Abstracts THU 11:10 to 12:25

THU 21 in SwanSalon 1
Construction Contracts and Dispute Resolution 101
The lead up to the actual construction of a building or other project should be all about the construction contract – a document that too often gets short shrift while the parties involved are wrapped up in their own excitement concerning the arrival of the new work. In this presentation, we examine key construction contract clauses and the concept of drafting construction contracts which adequately take into account the possibility of disagreements on the job – and possibly a breach of the agreement. We will dive into the litigation, arbitration and mediation processes, and how each of those factor in to resolving project disputes. Presented by Dan Lund of COATS ROSE www.coatsrose.com

THU 22 in SwanSalon 2
XER vs. XML: Tradition vs. Data Integrity
When Importing/Exporting files into Primavera P6, one must understand the type of information that is being brought into the database. An "XER" file is a proprietary P6 file that allows users to transfer project files between P6 databases and some other applications. With Oracle moving more functionality to EPPM (Web), the "XML" Import/Export method was leveraged to provide more Security, Stability & Flexibility when using P6. In this presentation, we will review options available in XML Importing/Exporting in P6 Professional, as compared to "XER" that traditionalists may not know. Presented by Dan Beck, DRMcNatty& Associates, Inc.

THU 23 in SwanSalon 3 - OPEN – see Schedule at Registration for Updates

THU 24 in SwanSalon 4
Cost Loading Rules for USACE's QCS/RMS
Cost loading a schedule for USACE's QCS/RMS is often a source of much misunderstanding and frustration on the part of the project team and scheduler. Understanding of the reasons and requirements for cost loading a schedule to support QCS/RMS is of great help. Simply put; understanding the data and structure of the SDEF File is the first step; understanding the reason for cost loading the schedule is the second step. If you want to be paid for the work performed then you need to cost load your schedule, and make your schedule become the Schedule of Values (SOV) forming the basis of your monthly progress payments. This session will, provide a basic understanding of the requirements for cost loading a schedule and an understanding of the data in the SDEF File that will allow you to get paid. Presented by David Long, CB&I Federal Services, LLC

THU 25 in Osprey 1
Enhanced Resource Planning
A few resource planning improvements you can include in your schedule model can lead to better PDM models. No new theories, just implement schedule refinements you most probably are required to do manually when they can be automated. It is easy, logical and predictable. Presented by Rafael Davila and Vladimir Liberzon.

THU 26 in Osprey 2
Synchro Case Study

Abstracts THU 2:00 to 3:15

THU 31 in SwanSalon 1
A CRYSTAL BALL - Early Warning Signs of Claims & Disputes
Jim Zack is retiring. But he will share the best of his research with us at CCC17.

"What are the early warning signs of claims and disputes?" While the question seems very basic, it is a valid question and one we found has not often been addressed in literature. From the perspective of construction claims consultants, who are typically brought on board near the end or even after completion of a project, the early warning signs of a dispute are clear. Of course, looking back on a project at what actually occurred and when, is pure hindsight. And, as the old adage goes, "Hindsight is always 20/20.".
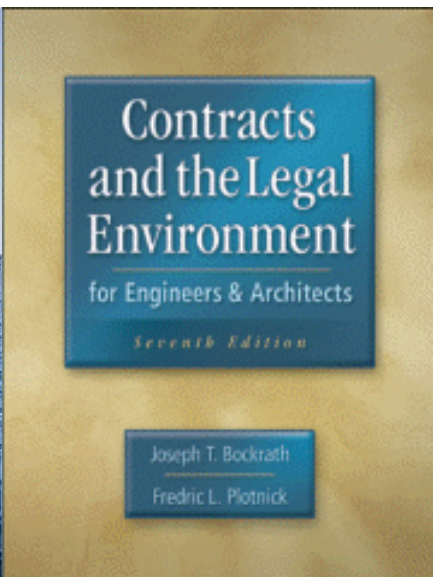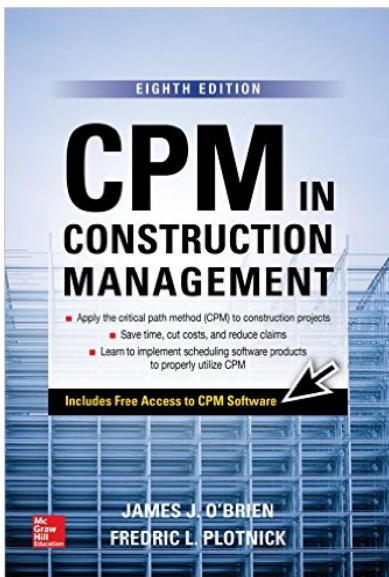
THU 32 in SwanSalon 2
Ron Winter on The Inner Workings of P6 - P6 Durations and Dates
It is essential to understand the underlying structural format of P6 software before delving into its functions. It forms the basis and limitations of how P6 presents its calculations. Expert P6 users must first understand the basis and limitations of how P6 handles durations and dates. Presented by Ron Winter, PSP, author of Schedule Analyzer Software

THU 33 in SwanSalon 3
Spider Project Risk Simulation and Management Technique
Reliable plans may be created only taking into account project risks. In this presentation we will discuss Spider Project unique risk simulation and management techniques. Spider Project is the only software that simulates risks and uncertainty taking into account all project constraints and expected management responses to project events. Presented by Victoria Shavyrina and Vladimir Liberzon

Abstracts THU 2:00 to 3:15

THU 34 in SwanSalon 4
I'm Rejecting Your Schedule, and Here's WhY
The Chief of Project Controls for NYC Environmental Protection will discuss the top reasons for rejecting Contractor submitted schedules and updates. The owner wants a schedule that can be used as a communication tool. Many times there are layers of reporting above the owner's representative at the project and they are not sympathetic to a project that has been reporting on time performance to suddenly elevated as a late project. In this session the presenter will show common mistakes and how to avoid them, as well as discuss why the owner can't accept a schedule with these mistakes. Presented by Tom Long, NYC Environmental Protection

THU 35 in Osprey 1 2:00 to 2:35
TILOS Case Study
TILOS is a powerful, feature rich, distance-based planning tool than can be used for all infrastructure projects. TILOS is just one of several products in the Trimble Civil Software Continuum. Of particular note is the ability to import heavy civil volumetric cut and fill data from Trimble's BC-HCE. This session will focus on the Polsen Bypass case study to illustrate how Trimble Quantm is used to select an optimal corridor and develop a 3D model to push into Trimble Business Center to calculate mass haul volumes and locations. This cut and fill data can be imported into TILOS to create a workable mass haul plan utilizing various methods (scraper, truck, etc) based on haul distance and cycle time to calculate resources required for these activities. The integration of the tools and data demonstrates the effective interfacing in developing an optimized linear plan based on the engineering information. Presented by Lorne Duncan

THU 36 in Osprey 2
Box-Out Schedules Regain Contractor Focus
A construction schedule should represent the contractor's plan to perform the work. Today, many specifications force contractors into a situation where the schedule is no longer a planning tool and instead becomes merely a distraction. When a project experiences inordinate "changes" a technique called "Box-Out" can be used in order to isolate those impacting issues from the overall progression of work allowing progress to be measured for the non-impacted activities. Presented by Ricky Benefield, PSP of Brasfield & Goriie

Abstracts THU 3:35 to 4:50

THU 41 in SwanSalon 1
Plotnick on Analysis of Delay and Disruption
The industry bible, CPM in Construction Management by James J O'Brien and Fredric L Plotnick, describes a protocol for analysis of delay or disruption on a project. The methodology has been honed over the years to provide a result neutral analysis where opposing practitioners should obtain very similar findings on cause and quantum of delay, leaving to other experts and attorneys to argue responsibility. Published, peer reviewed repeatedly, updated based upon peer review comments, and cited in many specifications, this protocol is a gold standard for preparation, presentation and review of a claim. Come to this session to walk through the methodology.

THU 42 in SwanSalon 2
Ron Winter on The Inner Workings of P6 - Understanding P6 Calculations
Oracle/Primavera P6 and EPPM software have many advanced CPM functions. This updated presentation will cover the basis for these functions and well as the options available. Of special interest are the detailed explanation of the inner workings of both the longest path calculation and the Multiple Critical Paths functions. Presented by Ron Winter, PSP, author of Schedule Analyzer Software.

THU 43 in SwanSalon 3
Risky Project Project Risk Analysis and Risk Management Software
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. Presented by Lev Virine of Risky Project
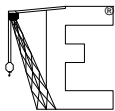
Abstracts THU 3:35 to 4:50

THU 44 in SwanSalon 4 3:45 to 4:20
Why PennDOT Chose ASTA

The Pennsylvania Department of Transportation (PennDOT) is one of the largest DOTs in the nation in terms of its highway and bridge construction program. Come to this session to find out PennDOT's approach to project scheduling. Highlights of this session will include what led the Department to Asta Powerproject, the implementation process, PennDOT's scheduling policies and procedures, and lastly how PennDOT is using Asta Powerproject. Presented by Kelly M. Barber, P.E., Acting Section Chief and Alex Maliniak, Department Scheduler, of the Project Schedules, Specifications and Constructability Section, Bureau of Project Delivery

THU 45 in Osprey 1
Resource Constrained Scheduling Capabilities of PM Software

In this presentation approaches to creating feasible project models and resource constrained project schedule optimization are discussed and resource leveling capabilities of popular scheduling tools are compared. The package that creates shorter schedules and optimizes resource usage can save a lot of time and money to its users. Presented by Evgeny Zorin and Vladimir Liberzon

THU 46 in Osprey 2
The Ten Biggest Lies In Project Controls

Project Team members are not always completely truthful in their assessment of a project's status. The untruths range from scheduling issues to the final indicated project costs and everything in between, with perspectives from knowingly telling a lie to really believing that it's true. The authors will discuss ten biggest lies that are told in Project Controls today and how to recognize and confirm that each is in fact an untruth. In addition to the identification, the session will also discuss proactive actions to mitigate the problems related to the falsehoods, using lessons learned from project controls and forensic analysis/dispute resolution. With the authors' combined over 70 years of experience on both the Contractor and Owner teams, the session should be entertaining and informative. Presented by Chris Carson and Glen Palmer.

Abstracts for FRI 8:00 TO 10:40

THU 01 in SwanSalon 1 & 2
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. Three attorneys, renown for international and domestic construction litigation, 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!)

FRI 8:00 TO 9:15

FRI 03 in SwanSalon 3
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 Maha Rifai Harrison, PMP, LEED AP, Manager, System Solutions / Information Technology for Hill International

FRI 04 in SwanSalon 4
Utilizing Primavera Unifier with the Provided Templates
In this session you will see the templates that come out-of-the-box with Primavera Unifier. We will look at the pros and cons to the pre-built business processes and how to utilize them the best you can and as a springboard to your specific configuration. Presented by Steve Kelly of Foresee Consulting

FRI 05 in Osprey 1
TBD – see Schedule at Registration for Updates

FRI 06 in Osprey 2
TBD – see Schedule at Registration for Updates

Abstracts FRI 9:25 TO 10:40

FRI 11 in SwanSalon 1 & 2
Continuation of Mock Trial

FRI 13 in SwanSalon 3
The Critical Path Definition Revisited
The critical path has always been defined as the longest path on a network from start to finish. Different definitions may make it clearer or more inclusive but it is not as simple as we may think. Contractors define activity duration in "work days," but project duration is in calendar days. Reconciling between work and calendar days is just one factor that must be considered in defining the critical path. This presentation poses more questions than answers. Presented by Dr. Saleh A. Mubarak

FRI 14 in SwanSalon 4
Trimble Prolog Converge Document Control and Collaboration
The ability to manage the trove of documents that are generated on a typical construction project is directly related to the success of the project. Being able to access accurate project documents is also helpful for historical purposes and in the unfortunate event of a claim.For more than 20 years Prolog has been the industry's choice, by far, for a comprehensive, adaptable project management system. Trimble Prolog Converge provides a platform to manage all the different pieces necessary for a successful project. Converge allows project stakeholders to collaborate seamlessly, which saves a lot of communication time and helps keep teams on the same page and projects on track.Presented by Dan Bentil of BuildingPoint Florida.

FRI 15 in Osprey 1
Jointly Leverage Unifier & P6 from Project Conception to Forecasting
Grab a seat at the table and get a firsthand view into how you can improve your company's financial management with the joint implementation of Primavera Unifier and P6 as an Enterprise Solution. In this session you will get a view into how project planning and performance is tracked, how P6 can drive forecast in Unifier, then how the data can be directly reflected in company level forecasting eliminating the need for duplicate data entry and side sheets/workbooks. Presented by Chad Brady, Foresee Consulting

FRI 16 in Osprey 2
Virtual Reality and 4D - Immersive Construction Schedule Optimization
4D scheduling and planning tools can be highly technical and sophisticated, but their true value can only be realized if their implementation translates directly into tangible efficiencies, improvements and time and cost savings for the project. This presentation will walk you through key improvements achieved on three different projects for the residential, commercial and public services projects in the US. Key talking points in this presentation include construction sequencing, constructability, site utilization, resource allocation, material staging, communication across project team members, project scope review & capture; as well as Synchro PRO and Fuzer pitfalls, tips and work flows. Presented by Cristian Herrera, Project Controls Director at VIATechnik.

Abstracts FRI 11:00 TO 12:15

FRI 21 in SwanSalon 1
Circling the Wagons When Schedule Risk Becomes Litigation Risk
The project schedule cannot be recovered. Big delay and impact claims appear inevitable. This seminar will discuss practical steps which scheduling professionals and their production teams can take before the attorneys get involved. A non-attorney guide to (1) What you can expect once all the parties "lawyer up" (2) What your team needs to do now to protect its position (3) Common mistakes that can be devastating to your litigation prospects (4) How to avoid having a troubled project turn into a claim disaster. Presented by Randy R. Dow of Boyd & Jenerette

FRI 12 in SwanSalon 2
Oracle Primavera Town Hall
User Wish List and Q&A on the road map for Oracle and Primavera product lines
Moderated by Garrett E. Harley, director engineering and construction strategy

FRI 23 in SwanSalon 3
Project Risk Analysis with Risk Events Step by Step
Efficiency of project risk analysis process depends on how project uncertainties are identified and modeled. Uncertainties in task durations and costs can be modeled using statistical distributions. Uncertainties can also be modeled using discrete risk events (threats, opportunities, or both), which can be assigned to the project tasks and resources.
This presentation includes step by step process of quantitative risk analysis with risk events. The process starts with risk identification and recording them using a risk register. The next step is assigning risks to tasks and resources with certain probability and impact. Then the relationship between risks is identified. This relationship is graphically presented using event chain diagrams. Uncertainties defined by statistical distributions represented unidentified events or "nose". The Monte Carlo simulation helps to generate 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. The next runs of Monte Carlo simulations help to 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.

CMAA

Advancing Professional Construction and Program Management Worldwide

Abstracts FRI 11:00 TO 12:15

FRI 24 in SwanSalon 4
Proper Integration of Lean Construction Pull Planning with the CPM Schedule
This session will attempt to bridge the gap and integrate traditional CPM planning and scheduling with "LEAN Construction" methods. "LEAN Construction" pull planning has been encouraged and is rapidly gaining acceptance as an integral part of project planning and scheduling. Traditional CPM scheduling is based on setting forth the activities necessary to complete the project by the future contract completion date, based on the activities and sequence that define the critical path. This is often referred to as a "push" method of planning. LEAN pull planning, on the other hand, is based on efficiently completing work when the next production unit is ready, in order to maximize efficiency and reliable workflow. The AGC notes that "there is a big shift in LEAN construction methods, which advocate delaying decisions to the last possible moment" with traditional planning and scheduling that focuses on making decisions and completing work as quickly as possible. Presented by Charles V. Choyce of Berkeley Research Group and Benjamin Crosby of Yates Construction.

FRI 25 in Osprey 1
Mitigating Delay Claims and Scheduling Best Practices
Session addresses Claims and Risk Awareness, specifically as it related to construction scheduling. How to mitigate claims when construction change is inevitable. Learn about the principle causes of dispute and how to avoid claims as it relates to the project schedule function. Presented by Raquel Shohet, EI, PSP, of Hill International, with over 25 years of construction industry experience in the engineering, cost, scheduling, estimating, and field disciplines

FRI 26 in Osprey 2
Next Generation Professional Construction Scheduler Emerging Technologies
Emerging technologies in the Engineering and Construction Industry are revolutionizing the Construction Scheduler's skill set. 3d Modeling, cost management and advanced risk analysis are making the Construction Scheduler an essential member of any design and/or construction team. The title of this next generation Engineering and Construction professional may not even include the word Scheduler as these skills would be only one of several skills in their quiver. The current term Virtual Design and Construction (VDC) is the beginning of this trend, evidenced by the ongoing argument of which professional, VDC Engineer/Manager or Construction Scheduler, should be in charge of creating 4/5D models. Emerging technologies such as Synchro ltd, Deltek Acumen Fuze, Risk/360, Sage Timberline software, Autodesk Suites and Oracle's construction management cloud solutions have sparked the birth of this new era signaling the reversal of the downward trend in late and over budget construction projects. Presented by Jeff Campbell, PSP, Project Controls Cubed.
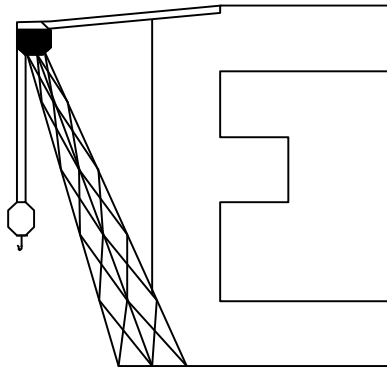
Abstracts FRI 2:00 to 3:15

FRI 31 in SwanSalon 1
Jones Day on Law of AEC Claims

FRI 32 in SwanSalon 2
OPTIMAL SELLING Uncovering the Propsect's Compelling Reason to Buy
Many times salespeople lose deals even when the prospects have a reason to buy and money to spend. Most salespeople routinely fail to uncover the prospect's compelling reason to buy because they use an antiquated method of selling. Their approach shuts the prospect down and they walk away thinking that the problem was their product or the price when, in fact, it was their approach. This session will give participants a framework to take on every sales call and some field tested skills to uncover the prospect's compelling reason to buy. Presented by Dan Caramanico of

FRI 33 in SwanSalon 3
Schedule Simulation – The Lego Experience Part I
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.

Abstracts FRI 2:00 to 3:15

FRI 34 in SwanSalon 4
FRI34 - TRIMBLE VICO

FRI 35 in Osprey 1
Ideal Project Durations From Optimization Using CPM
The cost saving power of CPM should be unleashed! For too long construction managers have underused the capabilities of CPM tools. Related industries have been harnessing the power of optimizing schedules for decades. This session is for managers that are already familiar with the basic capabilities of CPM and want the tools to stretch the limits of what CPM can do for their business. The session will teach about how CPM software can be used to optimize a project schedule, returning to schedulers the most ideal durations and cost, with the least amount of risk. Principles of cost optimization are taught and coaching is given for applied optimization of real projects. This session is perfect for the savvy scheduler who does not have the time or money to waste any more time and money. Presented by Evan Bingham of Brigham Young University

FRI 36 in Osprey 2
UFSG Project Schedule Structure Requirements
The Unified Facilities Guide Specifications (UFGS) is a joint effort of 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). The UFGS is for use in specifying construction for the military services. Meeting the scheduling structure requirements of Section 01 32 01.00 10 is often a source of much misunderstanding and frustration on the part of the Project Team and the Scheduler in achieving an approved baseline. An understanding these requirements versa the expectations of the specific Government's Project Delivery Team (PDT) will help in structuring your schedule such that it will be accepted by the PDT. This session will provide basic tricks and tips of structuring your Project Schedule to the UFGS Project Schedule Specifications. Presented by David Long, CB&I Federal Services, LLC.

Abstracts FRI 3:35 to 4:50

FRI 41 in SwanSalon 1
Ethics and the Expert
A Panel Discussion Led by Judge John McClellen Marshall on the sometimes competing ethical considerations of engineers and attorneys.

FRI 42 in SwanSalon 2
The GREAT DEBATE by Ernie Hani

FRI 43 in SwanSalon 3
Schedule Simulation – The Lego Experience Part II
Presented by Ben Crosby.

FRI 44 in SwanSalon 4
TBD – see Schedule at Registration for Updates

FRI 45 in Osprey 1
CPM Activity Status
There are many instances where the improper or imprecise definition of activity status has caused conflict between project stakeholders. Sometimes activities are unnecessarily statused as having started early and out of planned sequence, causing critical path and float concerns. Cost loaded scheduling sometimes leaves nearly every activity as being statused incomplete until project punchlist.
In a claims situation, the evaluation of quantum is in part dependent upon the status assessment of active activities and hence the status of the schedule. We should properly define the meaning of 'activity status' to standardize the reading of it. It is important to the scheduling industry for consistency of application so that each scheduler will provide a similar answer to the same situation. Presented by Marina Sominsky, PSP, PMP, EIT and Ron Winter, PSP, FAACE

FRI 46 in Osprey 2
UFSG Project Schedule Reporting Requirements
The Unified Facilities Guide Specifications (UFGS) is a joint effort of 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). The UFGS is for use in specifying construction for the military services. Meeting the scheduling reporting requirements of Section 01 32 01.00 10 is often a source of much misunderstanding and frustration on the part of the Project Team and the Scheduler in achieving an approved progress schedule reports. An understanding these requirements versa the expectations of the specific Government's Project Delivery Team (PDT) will help in reporting your schedule such that it will be accepted by the PDT. This session will provide basic tricks and tips of structuring your Project Schedule Reports to the UFGS Project Schedule Specifications. Presented by David Long, CB&I Federal Services, LLC.

Construction CPM Conference

see you in...

NEW ORLEANS

Jan. 30 – February 2, 2018

**Stay for First Weekend Mardi Gras
Parades February 2-3-4**

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
P R O J E C T   M A N A G E R