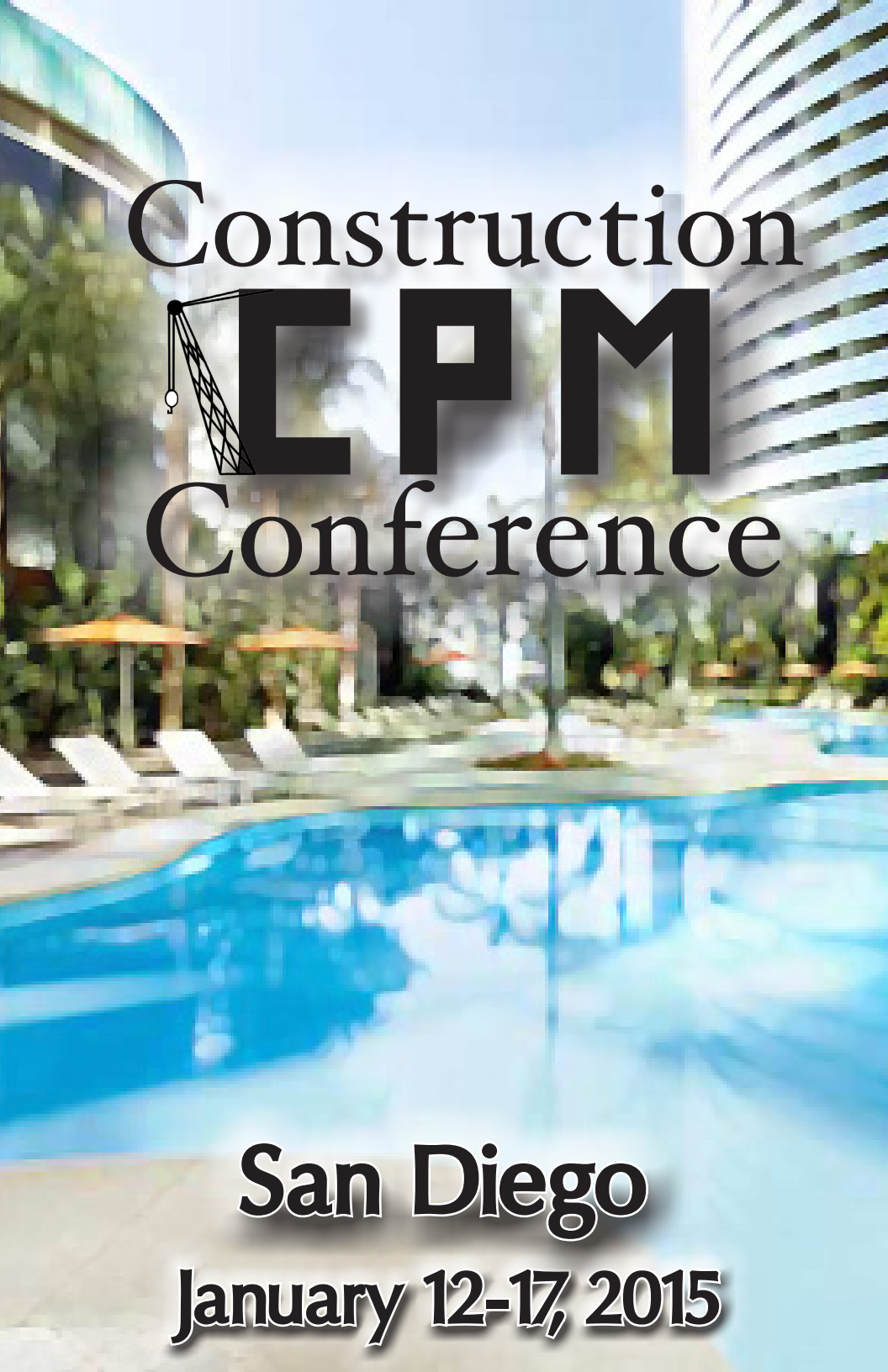
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- classes on advanced theory in both planning & scheduling, and extensions in risk, cost, EVM, CAD, BIM, litigation and other bleeding edge topics,
- a place to showcase project success stories with especial attention to lessons learned, and
- an entertaining 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

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Construction CPM Conference

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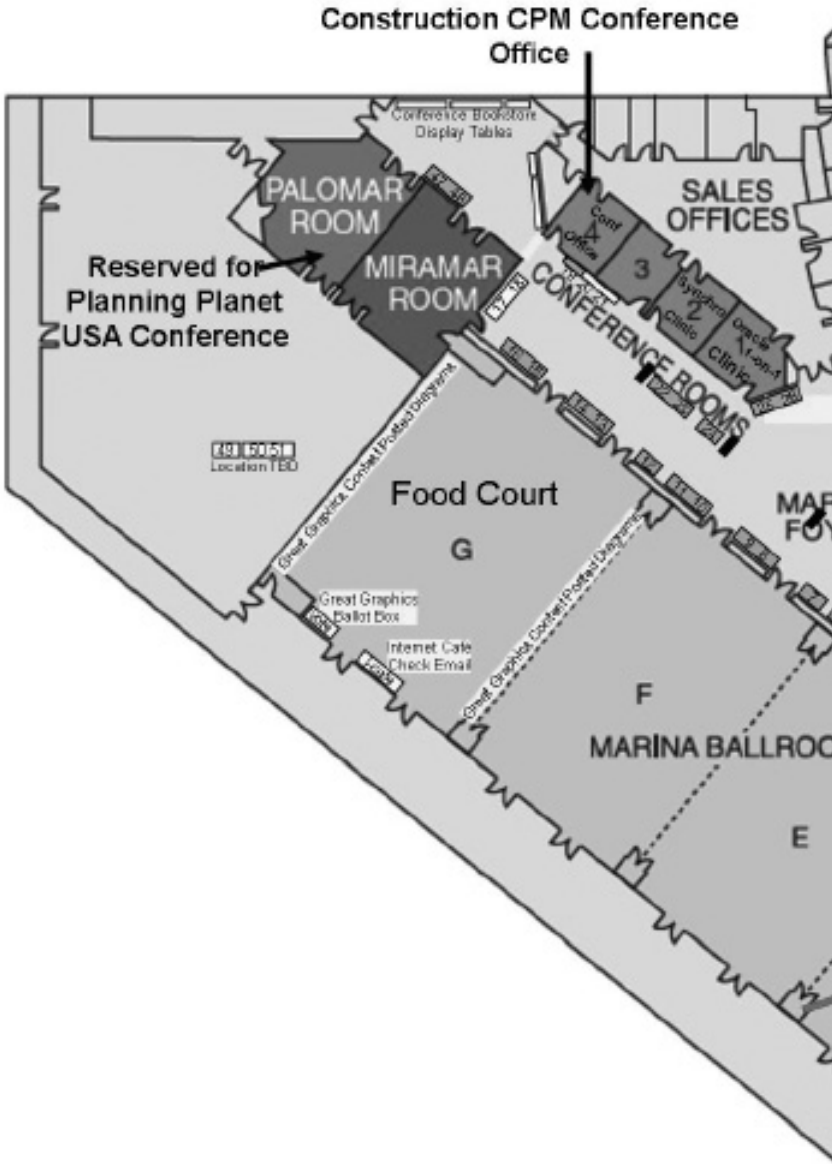
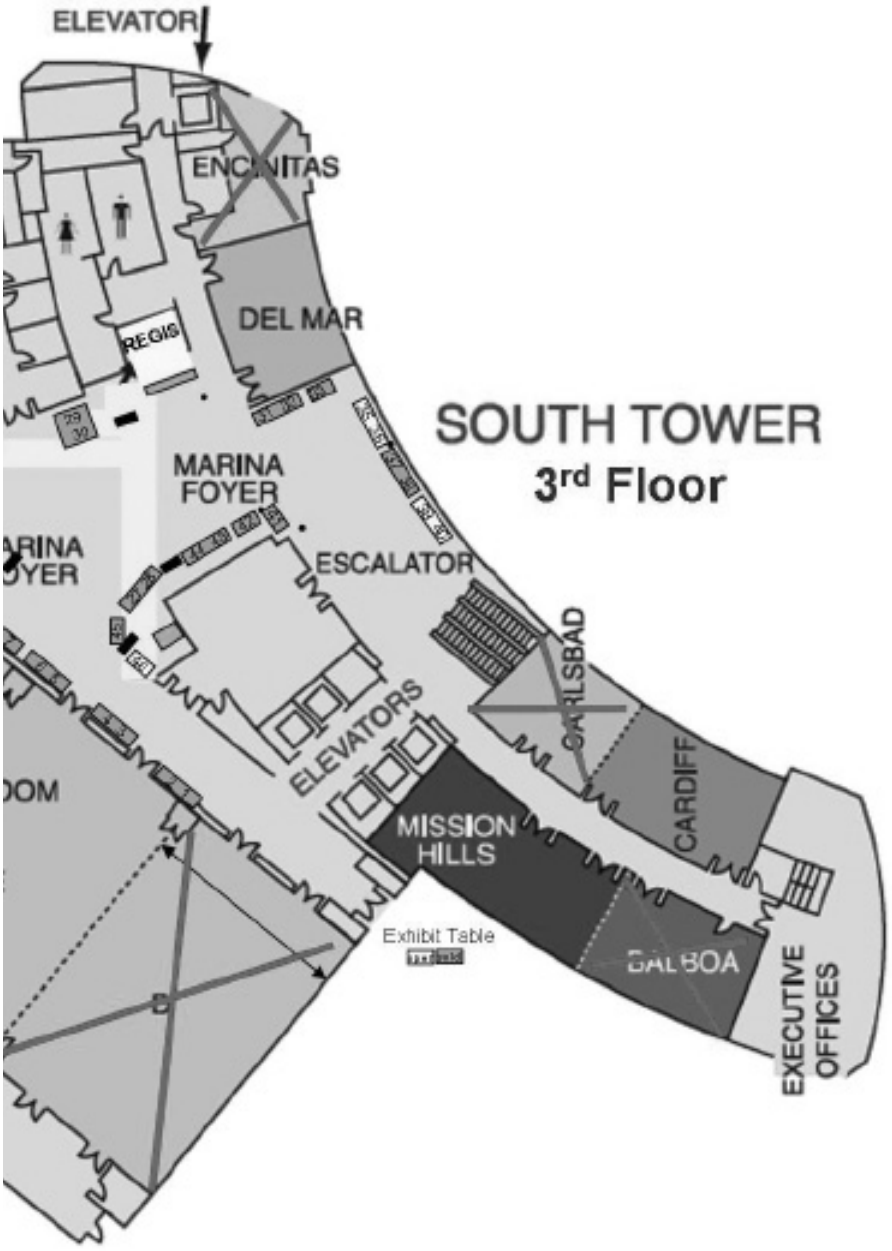
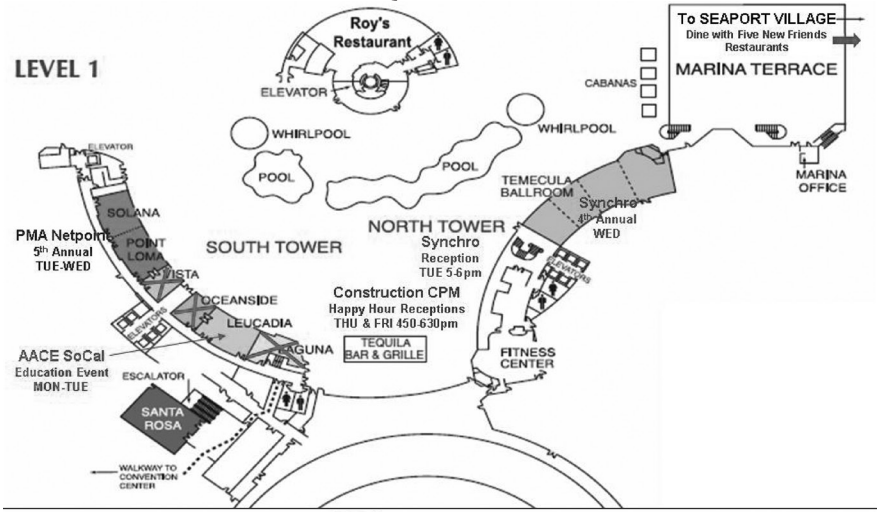
Marriott Marquis Marina layout

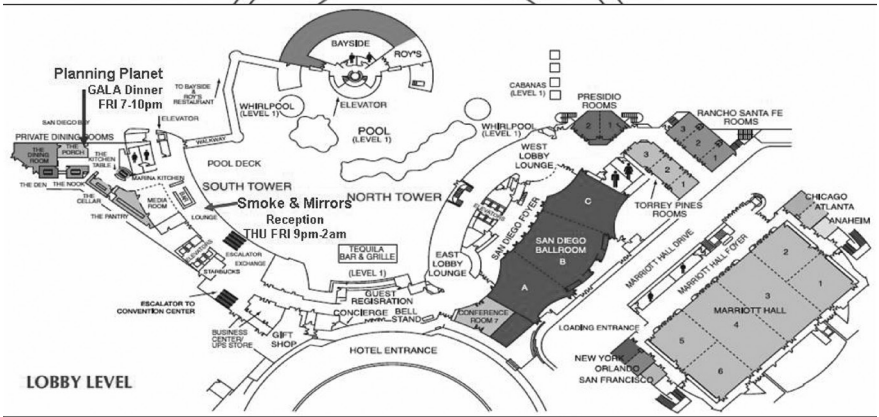


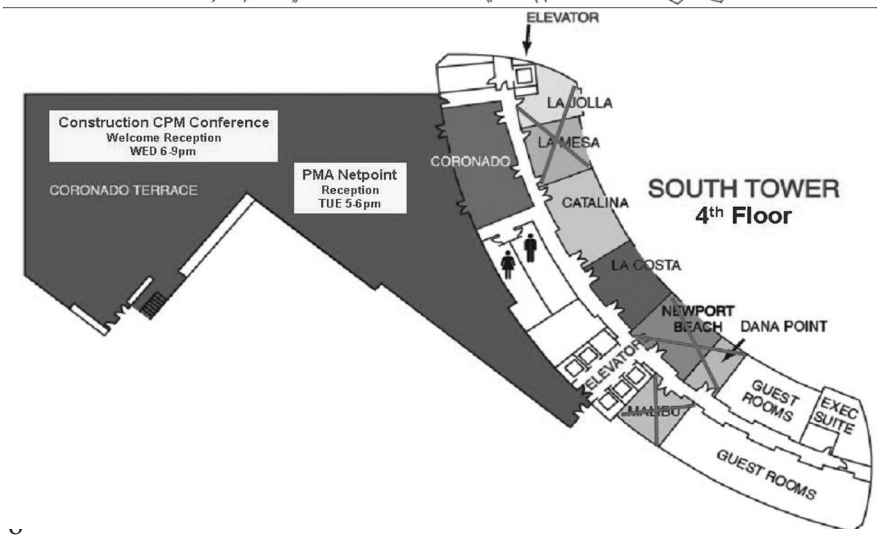
Marriott Marquis Marina layout



Marriott Marquis Marina layout







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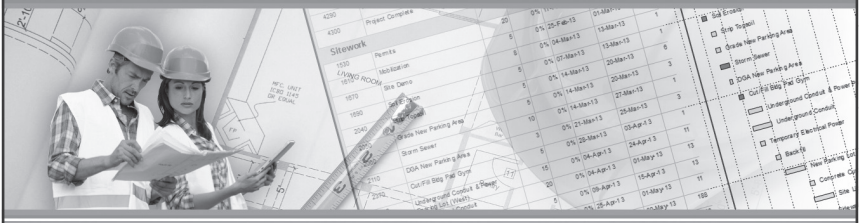

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Thursday Program

6 am - 6 pm	Registration on third floor
6:30 - 8 am	Hot breakfast—proudly sponsored by Phoenix Project Manager
6:30 am - 4:50 pm	Exhibit Hall, Virtual Bookstore, and Internet Cafe are open
8 am - 4 pm	Oracle Primavera One-on-One Clinic in Conference 1 (3)
8 - 9:15 am	WED00: Opening session: "Setting Standards for Professionals" with Dr. Alexia Nalewaik, President ICEC and Chair of AACE Inter-Organizational Committee (in Marina E and F)
9:15 - 9:45 am	Exhibitor and Coffee Break in Marina G—proudly sponsored by Orcas Project Controls
9:45 - 11 am	Breakout Sections
Marina E (3)	• THU11: Introduction to Oracle Primavera's Solution for Engineering & Construction
Marina F (3)	• THU12: Three Steps to Project Maturity: Step 1 Schedule Diagnostics
Mission Hills (3)	• THU13: Using Microsoft Project Professional in the Cloud
Cardiff (3)	• THU14: Schedule Planning in Vico Office
Del Mar (3)	• THU15: Introduction to Synchro Professional

Your chef at Marriott Marquis Marina Presents

Breakfast Thursday:
Orange Juice; Breakfast Club Sandwich: Griddled Omelette with Cheddar Cheese and Maple Smoked Pepper Bacon on Ciabalta Roll; Breakfast Potatoes; A Variety of Freshly Baked Breakfast Breads; Assorted Pastries with Fruit Preserves and Honey

Lunch Thursday:
Butter Lettuce Salad with Roasted Golden Beets, Ruby Red Grapefruit Segments, Blue Cheese Crumbles and Balsamic Dressing
Parmesan Crusted Chicken Breast served with House Made Sauce and Pasta
Chef's Selection of Vegetables and Accompaniments; Assorted Rolls with Butter
Fresh Seasonal Fruit Tart with Gran Marnier Custard

Breakfast Friday:
Orange Juice; Breakfast Quiche with Black Truffles and Leeks Served with a Roasted Tomato Wedge; A Variety of Freshly Baked Breakfast Breads; Assorted Pastries with Fruit Preserves and Honey

Lunch Friday:
Tossed Green Salad with Blistered Tomatoes, Bread Shards and Peppercream Dressing;
Fresh Grilled Salmon Fillet with Roasted Artichokes, Grano and Lemon Basil Vinaigrette;
Chef's Selection of Vegetables and Accompaniments; Assorted Rolls with Butter;
Pastry Chef's Dessert Selection

Breakfast Saturday:
Orange Juice; Breakfast Wrap with Scrambled Eggs, Cheddar Cheese, Bacon and Breakfast Potatoes in a Flour Tortilla; A Variety of Freshly Baked Breakfast Breads; Assorted Pastries with Fruit Preserves and Honey; Cubed Seasonal Fresh Fruit

Lunch Saturday:
Caesar Salad of Crisp Romaine Lettuce with Parmesan Cheese, Croutons and Caesar Dressing;
Roasted Chicken Breast with Maple Vinegar Sauce; Bloomsdale Spinach and Sweet Potato Puree
Chef's Selection of Vegetables and Accompaniments; Assorted Rolls with Butter;
Chocolate Layer Cake

Dietary information provided upon request.
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Thursday Program, con't.

Catalina (4)	• THU16: PMA Netpoint Presents:The GPM Way—The time of discontent with CPM is past
La Costa (4)	• THU17: Planning, Scheduling and Detailed Planning—Getting to Earned by Mike Mosley
Miramar (3)	• THU 18: Welcome to the inaugural Planning Planet USA Conference

9:45 am - 4:50 pm Clinics

Conference 1 (3)	• Oracle Primavera One-on-One Clinic
Conference 2 (3)	• Synchro One-on-One Clinic

11:10 am - 12:25 pm Breakout Sections

Marina E (3)	• THU21: Schedule Development Using P6 Professional Download to 1st Report
Marina F (3)	• THU22: Three Steps to Project Maturity: Step 2 Schedule Risk Analysis
Mission Hills (3)	• THU23: Really Understanding Microsoft Project by Ron Winter
Cardiff (3)	• THU24: Introduction to Asta Powerproject
Del Mar (3)	• THU25: Intro to Oracle's Primavera Risk Analysis
Catalina (4)	• THU26: Introduction to Micro Planner Manager
La Costa (4)	• THU27: Weather Delays and How to Deal With Them by Heath Suddleson
Miramar (3)	• THU28: The Great Debate: Value of Implementing an Earned Value System by Pradip Mehta

12:45 - 1:15 pm Luncheon Program: Presentations by Technical Associations in Marina G

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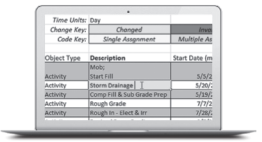

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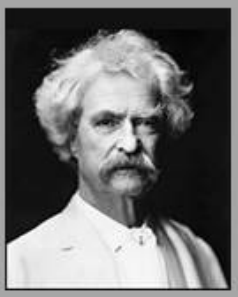
“What gets us into trouble is not what we don’t know.

It’s what we know for sure that just ain’t so.”



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Thursday Program, con't.

2 - 3:15 pm — Breakout Sections

Marina E (3)
- THU31: Schedule Updating Using P6 Professional NTP to 1st Update Report

Marina F (3)
- THU32: Deltek Open Plan Download to 1st Update

Mission Hills (3)
- THU33: Hacking Primavera P6 Professional by Planner Tuts

Cardiff (3)
- THU34: Production Control in Vico Office

Del Mar (3)
- THU35: Advanced Features of Spider Project

Catalina (4)
- THU36: Collaborative Working Agreements

La Costa (4)
- THU37: P6, Fuse and Synchro—Bring it All Together on a Major Infrastructure Program

Miramar (3)
- THU38: Primavera P6 Performance for the Enterprise Presentation

3:15 - 3:35 pm — Iced Tea Break in Marina G

3:35 - 4:50 pm — Breakout Sections

Marina E (3)
- THU41: Oracle Primavera P6—Make Your Reports Sing and Dance! by Jonathan Japka

Marina F (3)
- THU42: Three Steps to Project Maturity: Step 3 Cost and Schedule Integration

Mission Hills (3)
- THU43: Risk Analysis—Art Science or Bull?

Cardiff (3)
- THU44: Introduction to Phoenix Project Planner

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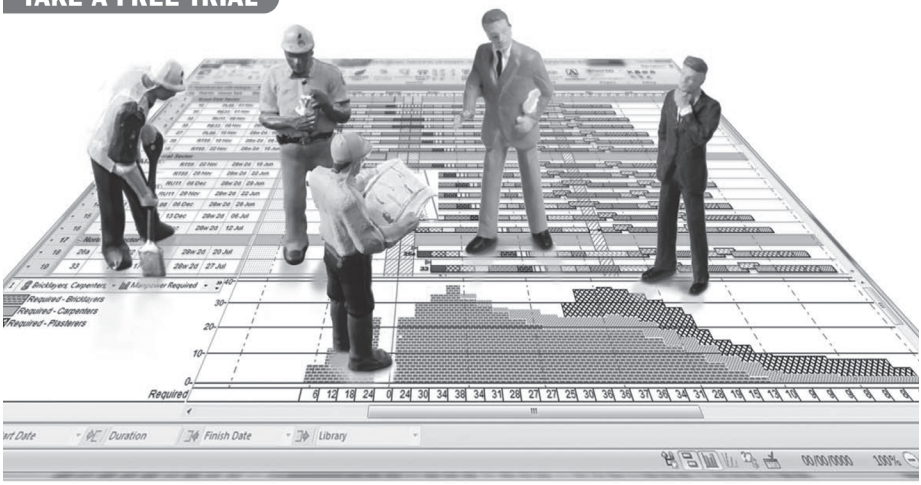

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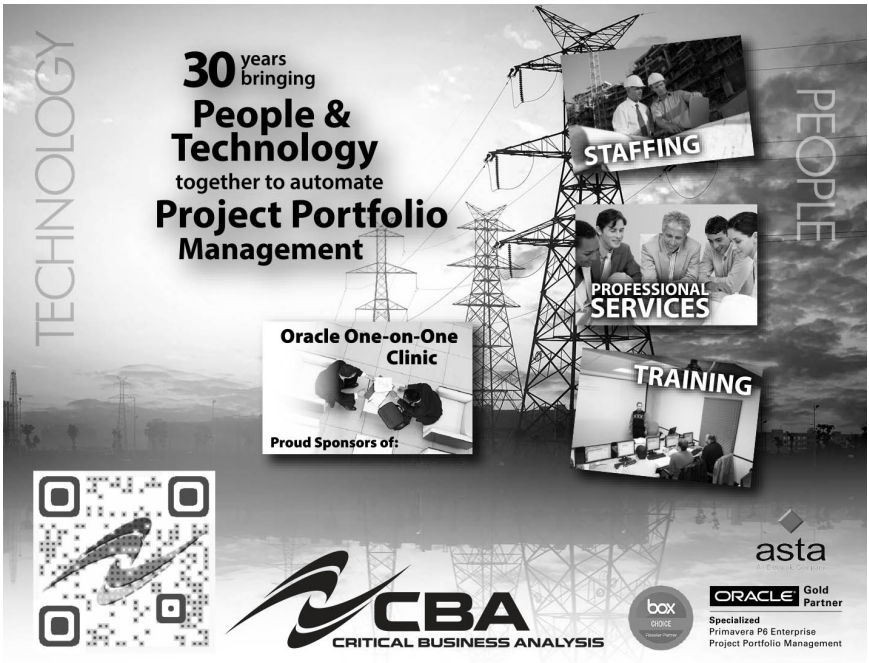

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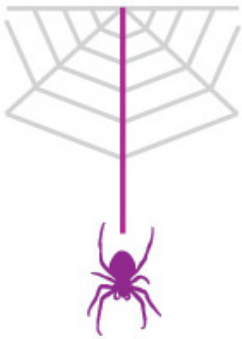

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Thursday Program, con't.

Del Mar (3)	• THU45: Introduction to Safran Schedule Risk & EVM
Catalina (4)	• THU46: The Hidden Critical Paths (HCP) Method
La Costa (4)	• THU:47: Proper and Effective Uses of Recovery Schedules on Construction Projects
Miramar (3)	• THU48: Planning Planet Guild of Project Controls Town Hall

4:50 - 6:30 pm	Networking Reception at South Poolside or Marina G—proudly sponsored by Synchro
7 - 10 pm	Dine with Your Five New Friends™
10 pm - 12 am	Smoke & Mirror Cigar Late-Late Evening Networking Event at Kitchen Bar Lounge—proudly sponsored by Ron Winter's Schedule Analyzer

Friday Program

7 am - 5 pm	Registration on third floor
6:30 - 8 am	Hot Breakfast in Marina G (3)
8 am - 3 pm	Companion Program: Whale Watching and Seaport Village Adventure
8 - 9:15 am	FRI00: Keynote: The Past and Future of CPM Project Scheduling with Dan Patterson (in Marina E and F)
9:15 - 9:45 am	Exhibitor and Coffee Break in Marina G
9:45 am - 4:50 pm	Oracle Primavera One-on-One Clinic in Conference 1 (3)
9:45 - 11 am **Marina E** (3) **Marina F** (3) **Mission Hills** (3) **Cardiff** (3) **Del Mar** (3) **Catalina** (4) **La Costa** (4) **Miramar** (3)	Breakout Sections • FRI11: Admissible Evidence: Will the Judge let you speak? • FRI12: Hulett on Risk • FRI13: Developing Scheduling Specifications for P6 by DR McNatty • FRI14: 4D scheduling in a nutshell! • FRI15: Humphreys on EVM • FRI16: Riddle of the Ribbon: Moving to MS Project 2010 by Ed Mahler • FRI17: Development and Training of the Planning and Scheduling Professional by Ted Douglas • FRI18: The Ten Best Project Management Approaches To Avoid Claims On Your Project
11:10 am - 12:25 pm **Marina E** (3)	Breakout Sections • FRI21: Forensic Schedule Analysis and Discretionary Logic

Friday Program, con't.

Marina F (3)
- FRI22: Making Sense of Schedule Risk Analysis

Mission Hills (3)
- FRI23: Document Control and Field Admin with Trimble ProjectSight

Cardiff (3)
- FRI24: Introduction to Asta BIM

Del Mar (3)
- FRI25: Oracle P6 EPPM from Hermit Data to 4D/5D Collaboration

Catalina (4)
- FRI26: Schedule Analyzer Live! by Ron Winter

La Costa (4)
- FRI27: UFSG Project Schedule Structure Requirements

Miramar (3)
- FRI28: Use Case for Acumen Analytics by Envision

12:25 - 2 pm — Vendor User Group Lunch in Marina G

12:50 - 1:45 pm — Urgent v Critical: The sinking of the USS Ammen DD-527 with James J. O'Brien and Preview of CPM in Construction Management 8th Edition

2 - 3:15 pm — Breakout Sections

Marina E (3)
- FRI31: The Critical Intersection Method: A New Paradigm in Delay Analysis

Marina F (3)
- FRI32: Integrated Cost/Schedule Risk Analysis Using Polaris

Mission Hills (3)
- FRI33: Connecting Teams and Information with EADOC to Reduce Risk

Cardiff (3)
- FRI34: Why Linear Planning?

Del Mar (3)
- FRI35: Why the Earned Value Measured Mile Analysis Works!

Catalina (4)
- FRI36: Trimble Schedule Planner Case Study

ONE LAST DRINK

FRIDAY NIGHT

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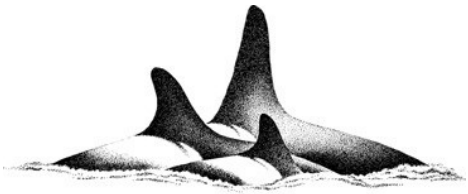

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Friday Program, con't.

La Costa (4)	• FRI37: UFSG Project Schedule Reporting Requirements
Miramar (3)	• FRI38: Use Case for Primavera Pertmaster (PRA) and Acumen Risk
3:15 - 3:35 pm	Iced Tea and Lemonade Break in Marina G
3:35 - 4:50 pm	Breakout Sections
Marina E (3)	• FRI41: Pacing Delay—The Practical Effect on Construction Projects & Delay Claims
Marina F (3)	• FRI42: Deltek Acumen Risk™ In-Depth Review by Dan Patterson
Mission Hills (3)	• FRI43: Netpoint Case Study
Cardiff (3)	• FRI44: Safe Planning through 4D Model-Schedule Integration
Del Mar (3)	• FRI45: Real-Time Cost Risk Analysis with Argo by Eric Druker
Catalina (4)	• FRI46: Selling Effectively in the New Economy
La Costa (4)	• FRI47: The Project Scheduling Toolbox by Heath Suddleson
Miramar (3)	• FRI48: Forensic Schedule Analysis by AACE 29R-03
4:50 - 6:30 pm	Networking Reception at South Poolside or Marina G—proudly sponsored by Phoenix Project Manager
7 - 10 pm	Planning Planet Gala Reception and Dinner
7 - 10 pm	Dine with Your Five New Friends™
10 pm - 12 am	"One Last Drink" at Marina Kitchen Bar—Proudly sponsored by ORCAS Project Controls

Saturday Program

6:30 am - 12 pm	Registration on third floor
6:30 - 8 am	Hot Breakfast in Marina G
6:30 am - 3:50 pm	Exhibit Hall, Virtual Bookstore, and Internet Cafe are open
8 am - 4 pm	Companion Program: San Diego Zoo Adventure
9:15 am - 5 pm	Oracle Primavera One-on-One Clinic in Conference 1 (3)
8 - 9:45 am	Keynote: Mock Trial 2015 in Marina E
8:30 - 9:45 am	Breakout Sections

Marina F (3)
- SAT 12: Oracle P6 Admin Tips & Tricks

Mission HIlls (3)
- SAT 13: RiskyProject on Risk

Cardiff (3)
- SAT 14: Use Case for Primavera Unifier and P6

Del Mar (3)
- SAT15: How to cost load a schedule for USACE's QCS/RMS

Catalina (4)
- SAT16:

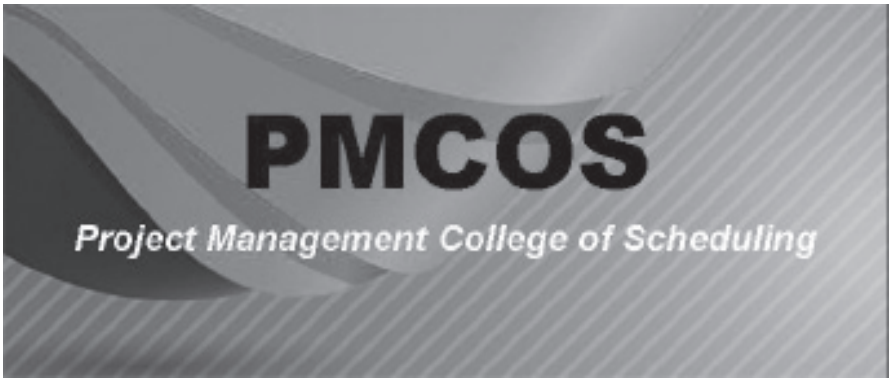
La Costa (4)
- SAT17: Project Management College of Scheduling Town Hall

Miramar (3)
- SAT18: Planning Planet program

9:45 - 10 am	Exhibitor and Coffee Break in Marina G

Saturday Program, con't.

10 - 11:15 am	Breakout Sections
Marina E (3)	• SAT21: Presentation and Negotiation of Delay Claims in Public Contracting
Marina F (3)	• SAT22: Oracle Primavera Town Hall
Mission HIlls (3)	• SAT23: Using Stochastic Optimization to Prioritize Risks
Cardiff (3)	• SAT24: Document Control for Better Claims Avoidance and Resolution
Del Mar (3)	• SAT25: Introduction to Asta Site Progress Mobile
Catalina (4)	• SAT26: When Projects are Delayed Beyond Contract Boundaries
La Costa (4)	• SAT27: Why Project Execution Doesn't Cause Project Failure
Miramar (3)	• SAT28: Planning Planet Program
11:15 am - 1:15 pm	Lunch Theatre Presentation in Marina G—proudly sponsored by Phoenix Project Manager
12 - 1 pm	Ernie Hani's *The Great Debate*



Saturday Program, con't.

1:15 - 2:30 pm — Breakout Sections

Marina E (3)
- SAT31: A Construction Lawyer's Perspective on the Cultural and Legal Impact of BIM and IPD on CPM

Marina F (3)
- SAT32: Inner Workings of P6 by Ron Winter: Part I

Mission HIlls (3)
- SAT33: Polaris Cost & Schedule Risk In-Depth Training

Cardiff (3)
- SAT34: An Afternoon with Synchro: Part I

Del Mar (3)
- SAT35: Industry Input to CPM in Construction Management, 8th Edition

Catalina (4)
La Costa (4)
- SAT36: Project Showcase: An Electrified Master Schedule

Miramar (3)
- SAT37: PMCOS Program
- SAT38: Planning Planet Guild Certification Training Boot Camp

2:30 - 2:45 pm — Final Break in Marina G

2:45- 4 pm — Breakout Sections

Marina E (3)
- SAT41: Experts & Ethics—A Panel Discussion

Marina F (3)
- SAT42: Inner Workings of P6 by Ron Winter: Part II

Mission HIlls (3)
- SAT43: Polaris Cost & Schedule Risk In-Depth Training

Cardiff (3)
- SAT44: An Afternoon with Synchro: Part II

Del Mar (3)
- SAT45: Katy's Castle—An exercise in collaborative planning & scheduling

Catalina (4)
- SAT46: TBD

La Costa (4)
- SAT47: PMCOS Program

Miramar (3)
- SAT48: Planning Planet Guild Certification Training Boot Camp

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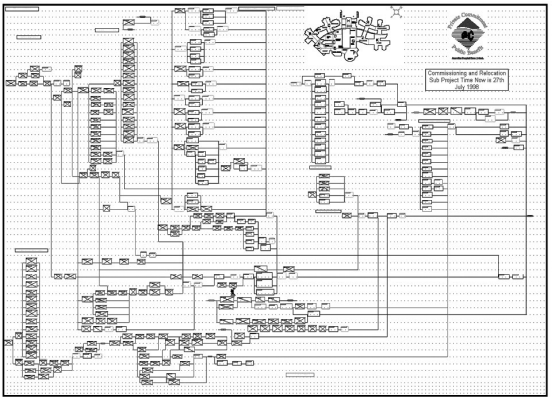

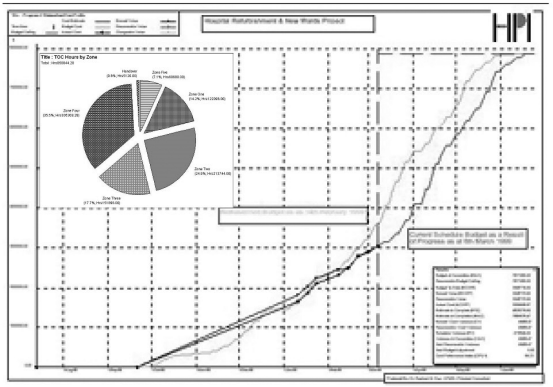

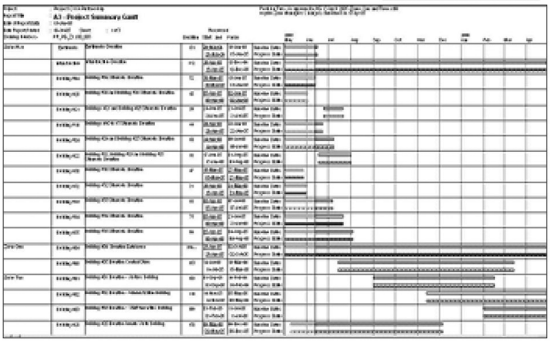

The really nice thing about not planning is that failure comes as complete surprise and is not preceded by long periods of worry and depression!

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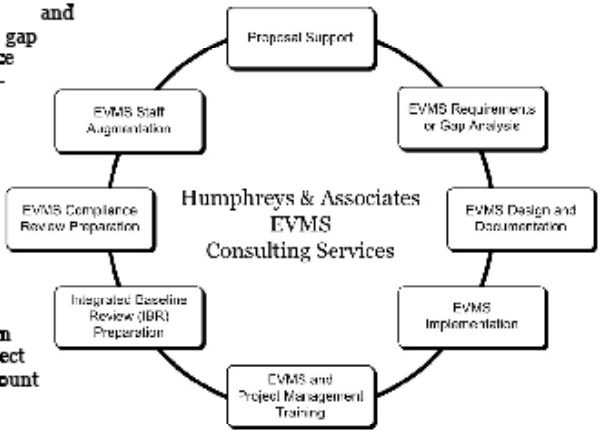

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Abstracts: Thurs. 9:45 - 11 am

THUS00: Welcome by Fred Plotnick and Jim O'Brien and Opening Keynote Session by Dr. Alexia Nalewaik: Marina E and F (8:15 - 9:15 am)
Dr. Nalewaik is Chair of AACE's Inter-Organizational Committee and President of the International Cost Engineering Council and will speak on "Setting Standards for Professionals." Alexia's day job is Principal Consultant of QS Requin Corporation as a program controls director and quantity surveyor with over 20 years of risk assessment, owner representation, and cost management experience. Her research and consulting services focus on audit, performance, governance, and strategy for projects, programs, and organizations.

THU11: Introduction to Oracle Primavera's Solution for Engineering & Construction: Marina E
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
- Roadahead

Presented by Garrett E. Harley, director engineering and construction strategy.

THU12: Three Steps to Project Maturity: Step 1 Schedule Diagnostics: Marina F
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

Thursday Abstracts, con't.

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 Dan Demangos (Solutions Architect, Deltek) and Tom Polen (Director, Solutions Architecture, Deltek).

THU13: Microsoft Project Professional in the Cloud to Collaborate, Qualify and Manage your Project: Mission Hills
Better understand thecollaboration tools built into Microsoft Project Professional based on Project's core scheduling engine, such as:

- Building and viewing solid schedule structures in Microsoft Project Professional
- Baselining, to track/show progress with graphical indicators
- Track/Show progress with built-in BurndownDashboards "Burndown"
- Ease of use to share and collaborate on reports with contractors, vendors and external sponsors
- How to invite external resources/sponsors to share documents in a secure environment
- Portfolio views with output BI in Excel Reports

THU14: Schedule Planning in Vico Office: Cardiff
This advanced course is designed for planning teams who want to learn more about flowline theory and how it is used in complex, commercial construction projects. 4D BIM scheduling is comprised of 4 components: quantities by location, flowline theory, on-site production control, and 4D movie simulations. In this session, we will focus on the planning functional subset of locations, flowline, and using scheduling simulations to explain the project to the Owner. Presented by Duane Gleason of Trimble Vico.

THU15: Introduction to Synchro Professional: Del Mar

Thursday Abstracts, con't.

THU16: The GPM Way—The time of discontent with CPM is past: Catalina
Dr. Gui presents ten key aspects of the graphical path method (GPM)of project planning and scheduling that represent emerging, or improve on existing, best practices that will change the project/program/portfolio management landscape as we know it. The principles provide a credible way forward for those practitioners who agree with the premise that "the current state of scheduling practices is wasteful," not to mention with the tenet of the ENR story on 05/26/2003, where O'Brien, Plotnick, Wickwire, & Ockman lamented that "Critics Can't Find the Logic in Many of Today's CPM Schedules."

THU17: Planning, Scheduling and Detailed Planning—Getting to Earned: La Costa
The history of planning and scheduling at Zachry will be discussed from a case study. This session will review and explain Zachry's current approach to schedule management, the ties to advanced work packaging and how our earned value processes interface with and affect the schedule. Presented by Mike Mosley of Zachry.

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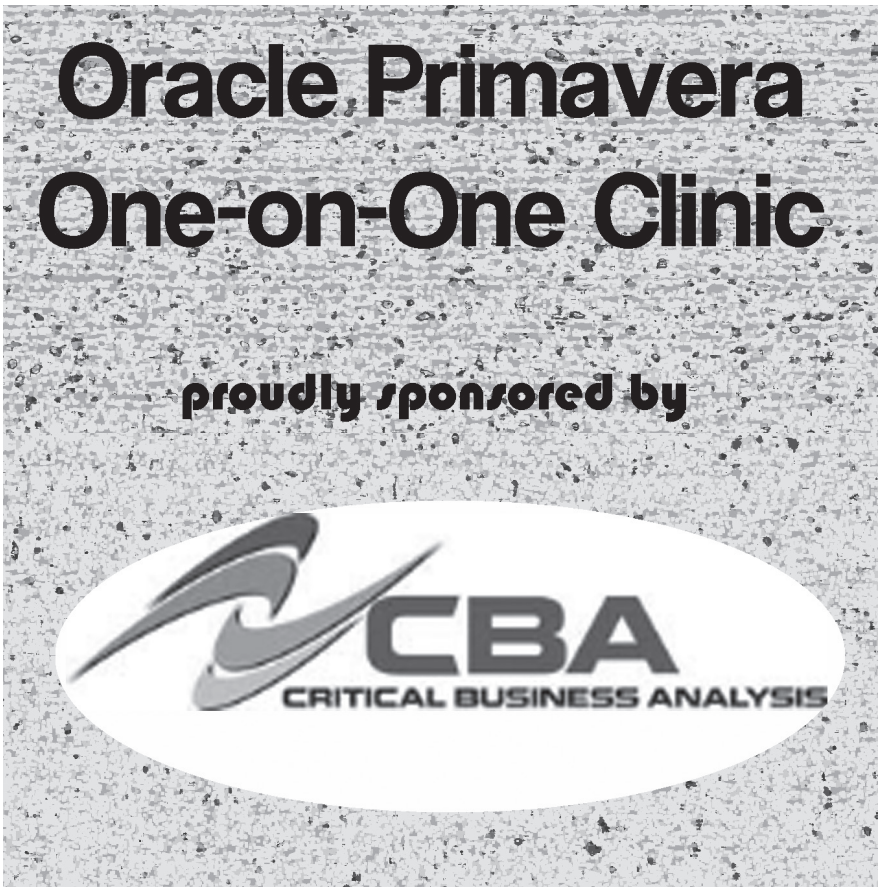
Thursday Abstracts, con't.

THU18: Welcome to the inaugural Planning Planet USA Conference: Miramar
Welcome remarks by James Williams and Theo d'Orgee.

THU19, 29, 39, 49: Oracle Primavera One-on-One Clinic: Conference 1
Two 30 minute sessions to clinic with a representative from CBA, a Oracle Primavera Partner, for One-on-One assistance.
Sign up when you register or at the conference.



Abstracts: Thurs. 11:10 am -12:25 pm

THU21: Schedule Development Using P6 Professional
Download to 1st Report: Marina E
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, and Charlie Jackson, Vice President of Primavera Services for Hill International. This session will focus on the presenters' experiences and their lessons learned regarding the effective use of P6 ™ in the schedule development process as they apply to the Planning and Scheduling development processes. The Scheduler should be able to apply the implementation and execution "Lessons Learned" outlined in this presentation to develop schedules quickly and efficiently using P6™.

THU22: Three Steps to Project Maturity: Step 2 Schedule Risk Analysis: Marina F
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 Dan Demangos (Solutions Architect, Deltek) and Tom Polen (Director, Solutions Architecture, Deltek).

Thursday Abstracts, con't.

THU23: Really Understanding Microsoft Project: Mission Hills
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.

THU24: Introduction to Asta Powerproject Schedule Tool for Planners: Cardiff
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. 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. Visit the Asta stand (13-14) beforehand and make a guess as to how long it takes for *you* to install Asta Powerproject & you could walk away with a free license of Asta Powerproject if you attend this session.

Thursday Abstracts, con't.

THU25: Intro to Oracle's Primavera Risk Analysis: Del Mar
This session will lead attendees from download of Primavera Risk Analysis (previously named Pertmaster) software from Oracle's website to delivery of the first update report to management. Oracle's Primavera Risk Analysis is a full lifecycle risk analytics solution integrating cost and schedule risk management. Primavera Risk Analysis provides a comprehensive means of determining confidence levels for project success together with quick and easy techniques for determining contingency and risk response plans. You'll have an objective view of required contingency to account for cost and schedule uncertainty as well as analyzing the cost effectiveness of risk response plans.

THU26: Introduction to Micro Planner Manager: Catalina
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, a Critical Path Logic network based product either ADM and /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.

THU27: Weather Delays and How to Deal With Them: La Costa
There is no standard in the industry for how to accommodate planned weather impacts in a CPM schedule. Some practice the hope and pray strategy where they take no specific action and recover any time lost as needed. Still others, randomly select

the specified number of days from the project calendar and turn them into non-work days. A few use a weather contingency activity to push the schedule to an early completion tempo. This session will explore pros and cons of all three options and allow people to determine for themselves when each option might be appropriate. Presented by Heath Suddleson, PSP, Executive Achievement.

THU28: The Great Debate: Value of Implementing an Earned Value System: Miramar
Pradip Mehta, PMP, CCE, PSP, EVP, RMP, a renowned and internationally recognized speaker on this subject, will deliver a light hearted and humorous presentation with real world examples and case studies on the use and abuses of an earned value system. He will address a few streamlined approaches to get the most out of implementing earned value on both small as well as large projects. He will also examine different elements that play an important role in determining how effective earned value will be for you in your particular application. The speaker will also discuss a case study to expose some of the dangers and pitfalls of the "strict" interpretation of variance data related to earned value.

smoke and mirrors late-late night reception

Thursday January 15th
10 pm to midnight
Kitchen Bar Lounge

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Abstracts: Thursday 2 - 3:15 pm

THU31: Schedule Updating Using P6 Professional NTP to 1st Update Report: Marina E
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, and Charlie Jackson, Vice President of Primavera Services for Hill International. This session will focus on the presenters' experiences and their lessons learned regarding the effective use of P6 ™ in the schedule development process as they apply to the Planning and Scheduling development processes. The Scheduler should be able to apply the implementation and execution "Lessons Learned" outlined in this presentation to develop schedules quickly and efficiently using P6™.

THU32: Deltek Open Plan Download to 1st Update: Marina F
This session will lead attendees from download of Open Plan software from Deltek's website, or from the CD provided in the back of of the text CPM in Construction Management, 7th Edition, to delivery of the first update report to management of the Contractor and the Owner. Taught by John Owen, a member of the Welcome Software team that developed the original version, and formerly the Product Manager for the Schedule and Risk components of the Integrated Program Management solution at Deltek.

THU33: Hacking Primavera P6 Professional: Mission Hills
Planners Unite! Find out how creative planners and schedulers have hacked up solutions to their most frustrating Primavera P6 problems. From Calendars to the P6 SDK, P6 users have come up with savvy solutions that often keep projects and data moving in the right direction. We'll present 10 hacks you can try yourself. You're sure to learn a trick or 3 in this presentation. Presented by Michael Lepage, PMP of Planner Tuts.

THU34: Production Control in Vico Office: Cardiff
As any good Scheduler knows, planning the schedule is only half the battle; the other half is managing to the schedule on-site. This advanced workshop examines the skills and toolsets necessary to perform on-site production control. Building on the learnings from the previous session, this workshop will tackle measuring work put in place by location and comparing actuals to planned; creating look-ahead schedules in the trailer to help Supers see potential conflicts far in advance; and working as a team to solve scheduling conflicts and avoid cascading delays. Presented by Duane Gleason of Trimble Vico.

THU35: Advanced Features of Spider Project: Del Mar
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 32 countries, Spider Project has now entered the USA! Come see the next generation of scheduling software today.

THU36: Application of Collaborative Working Agreements in the New Zealand Construction Industry for a Major Government Project: Catalina
Poor project organisation and a lack of attention to the detail in architectural design may be identified anecdotally as a key factor in many claim-ridden projects in the 1990s. Presented by Raphael M Dua MACS PCP, General Manager Micro Planning International Asia Pacific Pty Ltd.

THU37: P6, Fuse and Synchro—Bring it All Together on a Major Infrastructure Program: La Costa
This session demonstrates how P6, Acumen Fuse and Synchro were introduced on a major infrastructure Program and how

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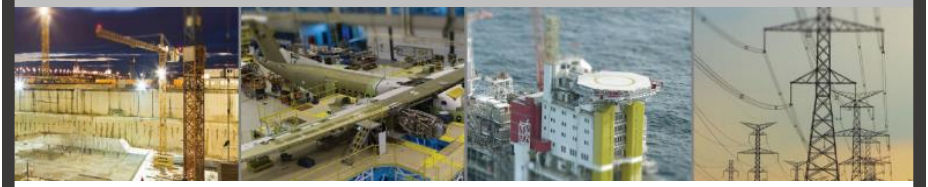
✓ Risk Management
✓ Cost Variance (EVM)



Visit us at **Booth 32** to see Safran unified solutions in action, and join our **presentation at 3:35 on Thursday** for an overview of Safran Project and how it helps users build a competitive advantage.

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they are being used to effectively manage the program. It will discuss how the project was structured, how these tools were introduced and how are they being used today. The P6 enterprise needed to be structured to control the program for two years while the alternative projects were still being defined, including storing monthly payments and preparation of cost histograms. Acumen Fuse has become the tool for reviewing the quality of all schedule submittals and Acumen Risk was also introduced. Synchro then came together as the source for evaluating construction schedule submittals and visualizing cost and schedule plans to identify constructibility issues prior to construction. Experience was gained in how to bring 3D/4D /5D together effectively, which will be discussed. Presented by Jeffrey Campbell, PSP of Project Controls Cubed LLC.

THU38: Primavera P6 Performance for the Enterprise
Presentation by Loadspring: Miramar
P6 v8 can give Project Controls Professionals a wide range in performance in an Enterprise setting. Even experienced professionals can be baffled by some of the performance responses. In this session, Gray Childs, a 20 year user, implementer and advocate of Primavera applications will clarify many of the misunderstood performance challenges. Does P6 sometimes just seemingly "hang"? Do some of your users complain that P6 takes too long to open, but others are just fine? Considering an upgrade and concerned about the potential performance impacts? Come gather some practical tips that can be applied immediately to ensure your enterprise has the appropriate expectations and is performing at peak efficiency. NOTE: Every Attendee will receive a "baseline" of performance metrics that can be used to help ensure your company is operating as effectively as possible! Presented by Gray Childs, of LoadSpring Solutions.

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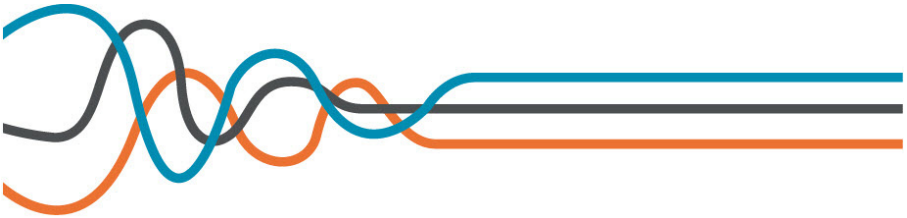

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PROJECT ANALYTICS

Abstracts: Thurs. 3:35 - 4:50 pm

THU41: Oracle Primavera P6—Make Your Reports Sing and Dance!: Marina E
Learn how to make your layout reports stand up and get noticed! See how to tailor reports to meet end user needs as one size does not fit all. Detailed demonstration of report components including; Group and Sort, Bar chart area, filters, and more. Report types to be covered:

- Milestone Reports
- Summary reports
- Critical Path reports
- Look-ahead Reports
- Detailed Reports
- Update Process: Request, turnaround document, verification
- Resource Loading Reports

Mr. Japka with over 28 years of Primavera experience will share with you what he has learned along the way.

THU42: Three Steps to Project Maturity: Step 3 Cost and Schedule Integration: Marina F
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 Dan Demangos (Solutions Architect, Deltek) and Tom Polen (Director, Solutions Architecture, Deltek).

Thursday Abstracts, con't.

THU43: Risk Analysis—Art Science or Bull?: Mission Hills
Many of us remember the tag line from the Primavera ad from the '90's about CPM schedules. The speaker, having been around Primavera risk analysis since the days of "Monte Carlo" and more than familiar with how to structure risk inputs toward a predictable outcome, felt it appropriate to resurrect this tag line with a fresh perspective on the way we approach risk analysis with the tools available today. Risk analysis is one of those common sense things we do in our every day lives, let alone when managing projects, without really thinking about it. Like many common sense things (Earned Value for example), we as human beings have the capacity to complicate simplicity beyond usefulness and understanding. Risk analysis is much more than "electronic darts" and with tools like Acumen available to us today can be extremely useful in communicating the variable possibilities that project teams need to consider in successfully managing their projects.

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Thursday Abstracts, con't.

THU44: Introduction to Phoenix Project Planner: Cardiff
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.

THU45: Introduction to Safran Schedule Risk & EVM: Del Mar
Safran has changed this Project Management paradigm with Safran Project™, the World's only unified planning & scheduling, risk management and cost variance (EVM) solution with standard reporting. Safran Project™ is unique as the unified solution streamlines project management by collecting, verifying and analyzing project data within a single application and delivering the best time-to-value equation for our customers. We will discuss how Safran customers are creating a project management advantage, by becoming more predictable in all phases of the project life-cycle.

THU46: The Hidden Critical Paths (HCP) Method—Shortening Complex Schedules: Catalina
HCP (Hidden Critical Paths) is a method of analyzing and optimizing complex construction and infrastructure project schedules. The output of an HCP analysis is a report which conveys invaluable understanding and insight for project managers, executive management and even parties to construction claims. In most large construction and infrastructure projects, the improved project management enabled by this report dramatically reduces risk and saves millions of dollars. HCP identifies serious flaws in schedule integrity, identifies opportunities for dramatic

Deltek

schedule improvement, reveals hidden risks in the schedule, highlights tasks requiring special attention, ensures alignment between different perspectives on the project and presents an overall confidence measure of a project's likely success. In this presentation, the HCP method will be explained and demonstrated using actual construction projects and interesting examples. Presentation by Tal Levanon of HCP-Consulting.

THU47: Proper and Effective Uses of Recovery Schedules on Construction Projects: La Costa
When a construction schedule shows delay or there is otherwise a delay in construction progress the common response by a project owner or someone acting on the owner's behalf is to demand a "recovery schedule" to make up delay within the remaining contract time to achieve an on time completion. This seminar will explore the appropriate prerequisites that are necessary before an owner or someone acting on behalf of the owner can demand a "recovery schedule" along with an evaluation of the various techniques or solutions that may be employed in creating the recovery schedule as well as their likelihood of success. Presented by Charles Choyce of Berkeley Research Group.

THU48: Planning Planet Guild of Project Controls Town Hall: Miramar
Come to this session to discuss the current status of the International Guild of Project Controls, preview the two completed Standards of Practice, Planning & Scheduling and Forensic Analysis, and participate in developing the Cost Management Standard of Practice. Moderated by Chris Carson.

Abstracts: Friday 9:45 -11 am

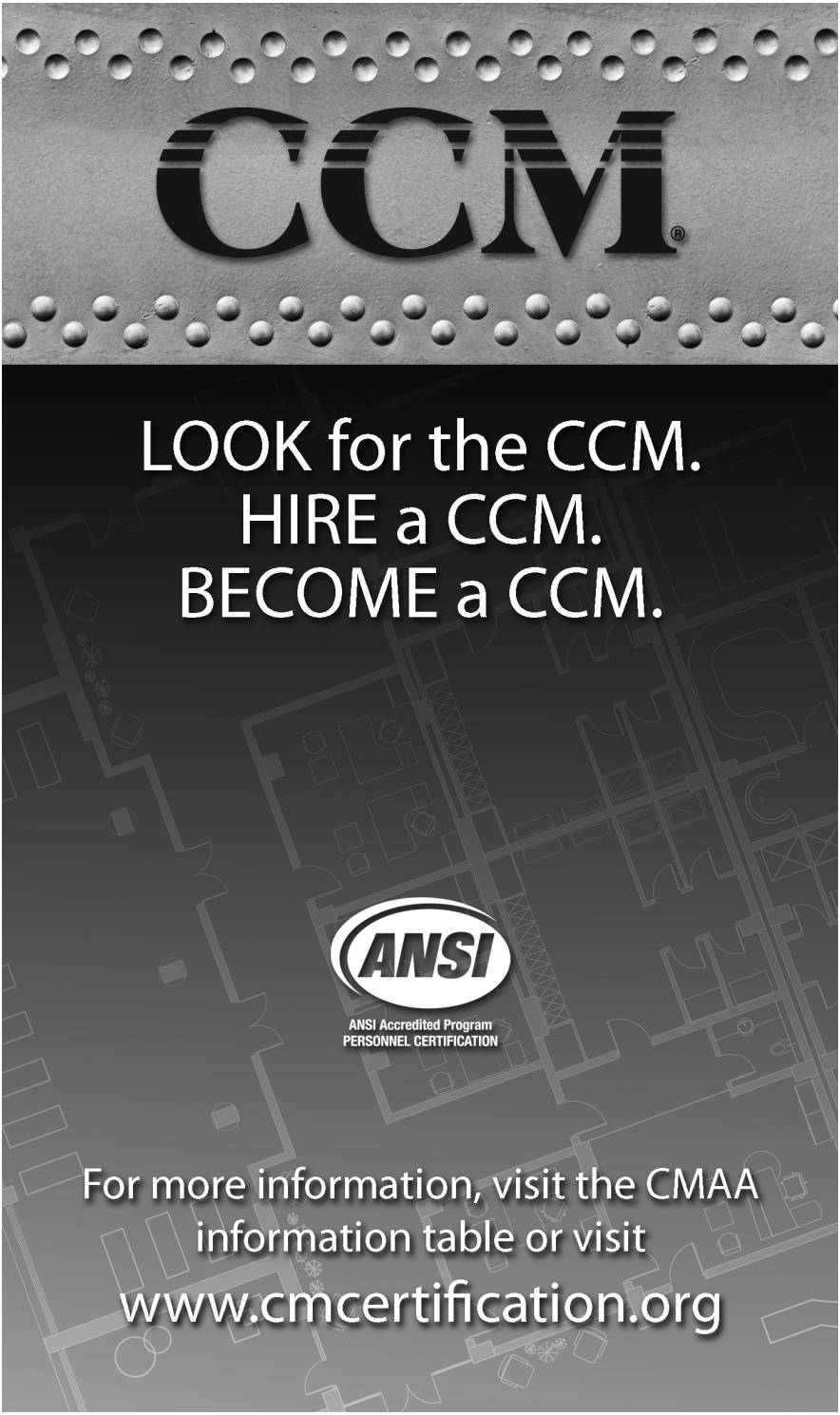
FRI00: Keynote Session by Dan Patterson: The Past and Future of CPM Project Scheduling: Marina E and F (8 - 9:15 am)
Dan is the developer of two of the industry's products that excel in CPM quality and risk. His Pertmaster product was sold to Primavera in 2006. Primavera was sold to Oracle in 2008. After serving as a VP at Primavera, Dan left and began an analytic product, Acumen. This was sold to Deltek in 2012. After serving as a VP for Deltek, Dan is again creating a new startup, PM Focus. With experience in both start-ups and two major corporations involved in CPM scheduling software, Dan brings a unique perspective to The Past and Future of CPM Project Scheduling.

FRI11: Admissible Evidence—Will the Judge let you speak?: Marina E
With the increasing use of email text tweets, jobsite photos and created visuals, 4D rendered movies and such, all which have a technical wow factor to our engineers, it is important to remind them to step back and ask if a judge will let such (or the fruits of such) to be seen by the jury. Presented by Erich R. Luschei and Kevin A. Dorse of Theodora Oringher PC.

FRI12: Hulett on Risk: Marina F
Many cost estimates assume that the project schedule is engraved in stone. Estimates of project cost may be unbiased but still, they do not represent the best estimate of total cost until project schedule risk is considered. This presentation, first, discusses the rationale for conducting a project risk analysis and for integrating the analyses of cost and schedule risk in one exercise. Second, the Risk Driver method for analyzing project cost and schedule risk is proposed and demonstrated using a new Monte Carlo simulation and analysis package, Polaris. Third, in this analysis the impact on cost risk of uncertainty in

schedule that impacts the cost of time-dependent and LOE-type resources is considered in an integrated analysis. Presentation by David Hulett, Ph.D., Hulett & Associates, LLC and Eric Druker, Booz Allen Hamilton.

FRI13: Developing Scheduling Specifications for P6: Mission Hills Scheduling specifications are an essential component in the contractual agreements between owners and contractors. More and more, Primavera P6 is becoming the standard platform for owners who require submission and review of contractor schedules. This presentation will discuss some key considerations for developing owner scheduling specifications. Specifically, this presentation will discuss two unique models by which contractors may submit P6 schedules to the owner organization as well as key considerations in the development of the schedule submittal.The session will be presented by Brian Criss, Vice President, DR McNatty.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Friday Abstracts, con't.

FRI14: 4D scheduling in a nutshell!: Cardiff
Some people are going nuts about 4D and others think they are nuts for doing it. BIM is growing up and whether you are a champion or a sceptic, you need to know why and how 4D works and where is doesn't work. More importantly, how to increase the effectiveness of your current scheduling, controls and analytical processes. Presented by Ben Crosby of Yates Construction.

FRI15: Humphreys on EVM: Del Mar
This lesson focuses on various earned value measurement techniques, the challenge of planning and recording status for material, equipment and purchased services and will introduce the basics of both numerical and graphical analysis. It focuses on techniques for validating performance measurement data as presented in Contract Performance Reports. It reviews the various earned value data analysis techniques and includes methods of creating and graphically analyzing performance trends. The lesson focuses on EV based methods of forecasting and validating Estimates at Completion (EACs) and considers the impact of baseline changes on EAC computations.

FRI16: The Riddle of the Ribbon, Moving to MS Project 2010 from a highly customized MS Project 2007, or Where is Everything?: Catalina
Microsoft has once again upgraded a perfectly adequate product, adding some new features while removing some that were useful, and then completely restructuring the menu system, now the Ribbon, making it difficult to find where they put everything. This is the story of my experience translating my highly customized 2007 version to be equally useable on 2010. You'll

probably want to bring your views, tables, filters, macros, and customized fields along. This is not an exhaustive tutorial of features and functions, but it does represent what you the practitioner are likely to experience when you upgrade. Presented by Ed Mahler, PMP, President of the Project Administration Institute (PAI).

FRI17: Development and Training of the Planning and Scheduling Professional: La Costa
There is a popular saying that Planning and Scheduling is more an Art than a Science. It is time that we scheduling professionals change that perception. Planners and Schedulers are important and integral members of the Project Management Professional team. Skill Training and Individual Development are keys to the continued growth and success of the Planning and Scheduling profession. Our professional associations have been working to establish Best Practices and Recommended Practices to serve as guiding documents that identify the required skills and knowledge for planning and scheduling professionals. This presentation will discuss professional development responsibilities and identify available training methods to successfully implement the training and development of planning and scheduling professionals. Presented by Ted Douglas, CCP, PSP, FAACE.

FRI18: The Ten Best Project Management Approaches To Avoid Claims On Your Project: Miramar
The authors will describe what they have found to be the ten best project management approaches used today that assist in the prevention of claims. These approaches will be examined in detail using Lessons Learned from both a project manage-

ment/controls and a claims perspective. These issues range from commonly used approaches today to others that are more rarely used and the session will provide suggestions for implementing each of the techniques. With a combined experience of more than 70 years, the authors will teach as well as entertain Presentation by Glen Palmer and Chris Carson.

FRI19, 29, 39, 49: Oracle Primavera One-on-One Clinic: Conference 1
Two 30 minute sessions to clinic with a representative from CBA, a Oracle Primavera Partner, for One-on-One assistance. Sign up when you register or at the conference.

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Abstracts: Friday 11:10 AM - 12:25 PM

FRI21: Forensic Schedule Analysis and Discretionary Logic: Marina E
Let's face it: Forensic Schedule Analysis (FSA) and real time schedule review do not handle CPM schedules with significant amounts of discretionary logic very well. Major theoretical and practical advancements have been made on what FSA methodology is most appropriate to evaluate schedule delay in the last decade. Nevertheless, discretionary logic continues to cause difficulty for fair and accurate analysis of schedule updates during the course of the project in the construction industry. This presentation considers several applications and refinements of existing forensic delay methodologies that can assist in identifying the as-built critical path and delay responsibility in schedules with significant amounts of discretionary logic. Presented by John Livengood.

FRI22: Making Sense of Schedule Risk Analysis: Marina F
The paper will start with a brief discussion of the nature of uncertainty and how we measure it, the validity of subjective estimates, and why schedule uncertainty is different and more complex than cost uncertainty. It will go on to explain how Monte Carlo simulation works and why it is the only valid way to deal with schedule uncertainty. The main part of the paper will deal with how to determine the input data, including correlations, and how to interpret the results, including estimated frequency function, cumulative frequency function, and percentile points. The paper will conclude with a discussion of sensitivity analysis, its value, and the difficulty of doing it properly. Presented by John Owen and Tony Welsh.

FRI23: Document Control and Field Admin with Trimble ProjectSight: Mission Hills
In recent years, the revolution in mobile computing has led to increasingly inexpensive tablet computers and app stores with

millions of apps for virtually any purpose. However, this explosion of technology adoption has also introduced its fair share of confusion. The consumer mindset of "there's an app for that" can equate to fragmented business practices on the jobsite. Competing app solutions lead to ineffective collaboration and duplication of data. Learn how to implement an effective mobile strategy for all of your construction projects and how to leverage cloud-based project management technology to efficiently collaborate with your entire workforce, while also improving visibility into your projects. Presented by Marcel Broekmaat of Trimble.

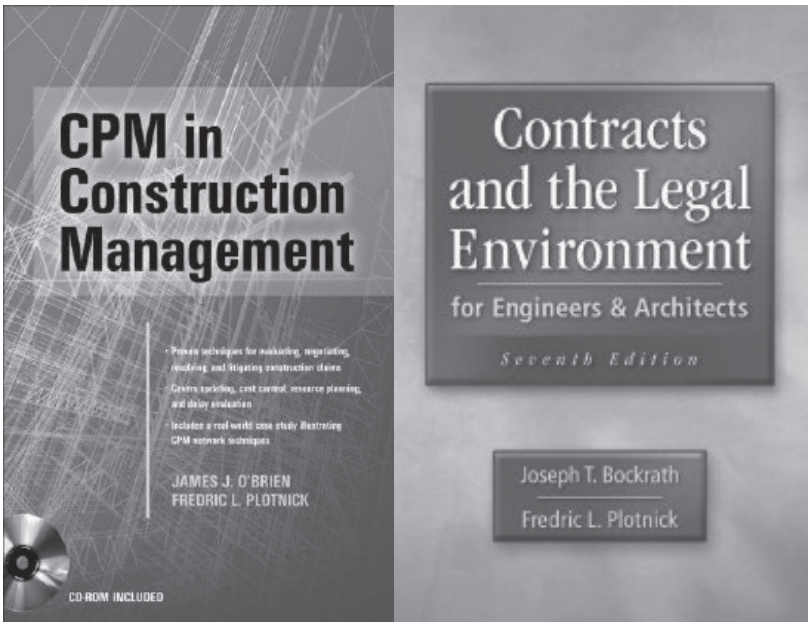
FRI24: Introduction to Asta BIM: Cardiff
Bringing 4D planning within affordable reach within one application. See how this new version of Asta Powerproject incorporates Building Information Modelling (BIM) features that enable 4D planning, drive greater collaboration, and deliver communication, time and efficiency benefits. Since over 50% of the value of BIM is used during scheduling come see why Asta decided to add BIM to their scheduling application. We will show you how you can link project plans and 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 Jason Ruddle, Head of Sales & Professional Services, Asta Development plc.

FRI25: Oracle P6 EPPM from Hermit Data to 4D/5D Collaboration: Del Mar
A common issue in construction is that the information contained in the project schedules is shared on a "need to know" basis. This inherently causes difficulties in accurately coordinating work, multiple schedules, and asymmetric information on the projects. This is not limited to large or mega projects and has a negative impact on projects of all sizes resulting in inefficiencies, come back work, lack of quality, and claims. Turner and Oracle will be discussing the progression from a stand-alone CPM

schedule to a 4/5d schedule, through the final and most important dimension, full integration with the entire project team. Presented by Adam Baker and Anthony Hartke of Turner and Garrett Harley of Oracle.

FRI26: Schedule Analyzer Live! by Ron Winter: Catalina

FRI27: UFSG Project Schedule Structure Requirements: La Costa The Unified Facilities Guide Specifications (UFGS) are 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). Meeting their requirements 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 of 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.

FRI28: Use Case for Acumen Analytics: Miramar
In this session, we will look closely at how Acumen Fuse can be used for schedule quality. We will look closely at the utility industry, where capital funds are dispersed every year to do major upgrades to infrastructure. These funds typically have a finite life and must be expended by a fixed date. As a case study, we will explore the challenges faced by a large utility company on the East Coast. After struggling to construct accurate baseline schedules and perform monthly updates, the quality of schedules has risen, enabling the company to accurately forecast project completion and budget milestonesall thanks to Acumen Fuse. Presented by Envision Consultants, Ltd.

FRI60: Plenary Luncheon Theatre: Urgent v Critical: The sinking of the USS Ammen DD-527 (12:45 - 1:45 pm in Marina G)
Some teaching moments based upon the a true story. Presented by James J. O'Brien, P.E.
and
Industry Trends Noted in CPM in Construction Management, 8th Edition
This classic, originally written by James J. O'Brien in 1964, continues to be used as a primary teaching textbook, a ready reference, and as an industry bible cited in numerous federal, state, municipal and private contract specifications. Professor Plotnick will discuss trends in CPM as used in Construction, as noted in the evolution of the text from the initial to the current seventh edition. Q&A will also cover suggestions by Attendees on materials to add (or retire) for the upcoming 8th Edition (2015).

Abstracts: Frisday 2 - 3:15 pm

FRI31: The Critical Intersection Method: A New Paradigm in Delay Analysis: Marina E
AACE Recommended Practice RP-29R-03 identifies nine different methods for analysing delay once as-planned data, as-built data and a network model has been established. Why are there nine different methods? Why has no consensus emerged as to which methodology is best given that this is ultimately, just a question of mathematics? The reason, it is submitted, is that all nine methodologies are mathematically flawed in at least one way or another. These mathematical limitations can be overcome, however, by applying a particular method that automatically iterates through the entirety of project time and simulates time across the network in order to measure delay. This method is known as the Critical Intersection Method (TM, pat. pend. all rights reserved). Presented by Anders Axelson of Pezala Consulting.

FRI 32: Integrated Cost/Schedule Risk Analysis Using Polaris: Marina F
This presentation discusses how uncertainty and Risk Register events used as Risk Drivers drive schedule risk analysis. A cost estimate is integrated using POLARIS so that cost risk is affected by both traditional cost risk elements (e.g., uncertain material costs or labor rates) and schedule risk elements (e.g., design, fabrication or testing that may take longer and thus cost more). This approach is the same approach that has been used successfully on construction and oil and gas projects and on NASA projects. Presentation by David Hulett, Ph.D., Hulett & Associates, LLC and Eric Druker, Booz Allen Hamilton.

FRI33: Connecting Teams and Information with EADOC to Reduce Risk: Mission Hills
This session will introduce attendees to the cost savings and risk mitigation benefits of EADOC's collaborative project manage-

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ment application. Connecting project teams and managing information relationships is imperative to ensuring projects are completed on time and on budget. Attendees will learn the benefits and ease of moving information quickly across large teams while maintaining control and meeting contractual obligations. We will look at how crucial collaboration is in information management and in supporting the principals of LEAN and IPD project deliver methodologies. We will cover managing documents, costs, and schedule information and the importance of the relationships between this information. Presented by Eric Law of eadocsoftware.

FRI34: Why Linear Planning?: Cardiff
Major infrastructure projects face many challenges that are not typical in facility constructions. Land acquisition, seasonal construction issues, environmental restrictions, maintaining traffic flow, major crossings that involve HDD's (Horizontal Directional Drills) and optimizing workface planning are key considerations. The goal is to keep the construction window as short as possible to reduce the overall cost of the project to the owner, while understanding all the key interfaces points on the right-of-way. This presentation will explore the advantages of using the linear project methodology, to visually create a plan that reflects all the construction challenges and to report on progress. TILOS is a linear planning tool that serves as an excellent tool for collaboration between all the major project stakeholders.

FRI35: Why the Earned Value Measured Mile Analysis Works!: Del Mar
Tim Calvey has testified in court and arbitration and made numerous presentations at mediations on the loss of labor productivity. The method used has been a measured mile

analysis based on actual man-hours versus pay application labor dollars earned. The verdict in the case of J&H Reinforcing & Structural Erectors Inc. vs. the Ohio Schools Facility Commission was appealed to the 10th Appellate District Court of Appeals of Ohio who ruled that they agreed with the trial court that competent, credible evidence supported the damage award for labor inefficiency. Tim Calvey will present the earned value measured mile method, explain the mathematics that supports the analysis, and respond to the criticisms and objections to the method.

FRI36: Trimble Schedule Planner Case Study: Catalina
The construction industry often performs projects like it always has because "That's the way it's done." But should it be that way? Hoar Construction has implemented "Flowline" or location-production based 4D scheduling, providing the ability to leverage appropriate quantities from the 3D model to inform and drive the location-based schedule. The presenters will show how using a flowline scheduling approach allows the project team to:

- Extract material quantities from the model to summarize what they are building
- Define expected "production factors" including crew sizes, task durations and per day per man productivity rates
- Apply the production factors to the quantity information to generate a status reports by trade for each duration
- Measure daily production expectations

Friday Abstracts, con't.

FRI37: UFSG Project Schedule Reporting Requirements: La Costa
The Unified Facilities Guide Specifications (UFGS) are 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). Meeting their requirements 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 of 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.

FRI38: Use Case for Primavera Pertmaster (PRA) and Acumen Risk: Miramar
Primavera Risk Analysis, formally known as Pertmaster, is a tried and trusted part of the schedule review process. Acumen Risk has elevated schedule review to a new level. The features and functionality of Acumen Risk allow users to quickly import a Risk Register from an Excel file and to map it to schedule activities much more quickly and in a much user friendly fashion than before. The ability to define a range of minimum, normal, and maximum durations to run a Monte Carlo simulation is also much more succinct. Users are also able to define custom metrics to select and measure key elements of data for a more comprehensive schedule review in less time. Presented by Envision Consultants, Ltd.

Friday Abstracts 3:35 - 4:50 pm

FRI41: Pacing Delay—The Practical Effect on Construction Projects & Delay Claims: Marina E

This presentation is focused on pacing delay, a controversial delay issue in the construction industry. Owners and contractors often find themselves at odds with one another over the practical effect of pacing delay in a delay claim situation The author defines the term; identifies what constitutes pacing delay; and sets forth the contractor's legal right to pace an owner caused delay and addresses the practical impact of a pacing delay, both to the project as well as to a delay claim. This paper is intended to assist in a better understanding of pacing delay and how the issue may be dealt with by both owners and contractors. Presented by James G. Zack, Jr., Executive Director, Navigant Construction Forum, Navigant Consulting, Inc.

Friday Abstracts, con't.

FRI42: Deltek Acumen Risk™ In-Depth Review: Marina F
In a traditional risk analysis setting, the focus often falls on using complex statistical calculations in order to understand the overall impact of project risk. Deltek Acumen Risk™ has never been one for tradition. Dive into the more intuitive alternative of Deltek Acumen Risk™ in this presentation of cost and schedule risk analysis best practices. Discover how risk events and team evaluations of scope uncertainty are considered during analysis to provide a more accurate look at completion forecasts. Plus, explore unique features of the method, like the ability to identify the true drivers of both cost and schedule risk, and learn how the newest additions in Acumen Risk 5.0, like the Schedule Realism Adviser™, make risk analysis with Acumen Risk even simpler. Presented by Dr. Dan Patterson, formerly Vice President of Product Strategy, Deltek.

Friday Abstracts, con't.

FRI43: Netpoint Case Study: Mission Hills

FRI44: Safe Planning through 4D Model-Schedule Integration: Cardiff
Recent hardware and software advancements have enhanced our ability to visualize, comprehend, and improve our schedules This presentation will demonstrate many of the benefits of 4D scheduling; including its untapped potential to improve safety planning. Practical examples will illustrate how TIC/Kiewit is taking safety to a new level. This presentation will also show the value of integrating as-built safety data with the 4D schedule. Trends that were once very difficult to recognize can now be clearly understood, predicted, and mitigated. Presented by Steve Moore, PMP, PSP, PMI-SP, LEED AP, and Kenneth Meding of TIC – The Industrial Company.

FRI45: Real-Time Cost Risk Analysis with Argo: Del Mar
When it comes to managing projects, cost is one of the key variables considered in any decision. Unfortunately, most cost risk analyses are conducted in back-rooms, with their results presented only in slide form. This limits opportunities for decision makers to be agile in ideating new solutions for ensuring success at a lower cost points. Argo is a revolutionary new application for running simulations in Microsoft Excel in real-time. This demonstration will provide a case study for using Argo in a real-time setting for performing cost risk analysis including lessons learned as the industry pivots from presenting our analyses in slides to presenting them as real-time decision making tools. Presentation by Eric Druker, Booz Allen Hamilton.

FRI46: Selling Effectively in the New Economy: Catalina
That's right it is not a down economy it is a new economy. If you are waiting for things to pick up and get back to normal… it will be a long wait. It is much tougher out there than any time in the last 30 years.

In this session you will learn:

- How to differentiate and de-commoditize yourself
- How to effectively and professionally eliminate competition
- How to command higher prices
- How to stop wasting time with prospects who are not qualified
- Why your mindset and is the most important part of selling your service

Presented by Dan Carimanico of Caramanico Maguire Associates Sales Force Training & Development.

FRI47: The Project Scheduling Toolbox: La Costa
Industry and Client demands have put a lot of pressure on project schedules. Software developers are constantly coming out with new and improved programs that will do everything but cook your breakfast. Just like a toolbox on the jobsite, there is no one tool that does it all. This presentation covers the different functions of Project Controls and shows how using a combination of software packages can prove effective in trying to manage the effort overall. Presented by Heath Suddleson, PSP, Executive Achievement.

FRI48: Forensic Schedule Analysis by AACE 29R-03: Miramar
The AACE's Recommended Practice No. 29R-03, Forensic Schedule Analysis, identifies nine forensic schedule analysis techniques. The intent of this paper is to propose the combination of two of the most widely used and accepted techniques, which are MIP 3.4, Contemporaneous Period Analysis, and MIP 3.7, Time Impact Analysis, from the RP-FSA. The resulting combination would capture the strengths or positive attributes of both techniques while at the same time addressing their perceived weaknesses. This paper will also provide guidance and direction regarding the use of the combined technique, and provide an example of its use. Presented by Mark Nagata and Scott Lowe.

Networking Reception

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4:50 - 6:30 pm
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Saturday Abstracts: 8:30 - 9:45 am

SAT00: Keynote Session: Mock Trial 2015: Marina F (8 - 9:45 am)
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, renown for international and domestic construction litigation, will be providing examples of trial techniques, setting traps for unwary experts. And two experts will be providing examples of bad and good behavior, as well as providing the facts of the case to Judge Marshall and the jury (you!).

SAT12: Oracle's Primavera P6 Tips & Tricks for Database Administrators: Marina F

SAT13: RiskyProject on Risk: Mission Hills
Presented by Lev Virine, Intaver Institute.

SAT14: Use Case for Primavera Unifier and P6: Cardiff
Primavera Unifier provides solutions for facilities management, real estate portfolio management, and capital project and portfolio management. It is also integrated with Primavera P6. Used together, Unifer excels in cost control, project delivery and facilities management, while P6 reigns supreme for scheduling, risk and resource management. Learn about the business benefits of using these two systems together - no matter how large or small your deployment. Presented by Tamim Kulaly, PMP, Vice President, Project Partners LLC.

SAT15: How to cost load a schedule for USACE's QCS/RMS (Understanding the SDEF File): Del Mar
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. The bottom line is: if you want to be paid for the work performed then you need to cost load your

schedule, that is, your schedule becomes 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.

SAT16: Catalina

SAT17: Project Management College of Scheduling Town Hall: La Costa

Saturday Abstracts, con't.

SAT18: Introduction to the Best Practices and Guidelines for CPM Scheduling in Construction Book: Miramar
This session will give a brief history of the SEI (Scheduling Excellence Initiative) project for the PMI College of Scheduling/Scheduling Community of Practice and show how the book is organized, highlighting some of the topics. This is the ten year effort to write a comprehensive best practices manual for Critical Path Scheduling involving a group of very experienced schedulers with the goal to produce a manual which would be like having a very knowledgeable Senior Scheduler sitting on the corner of your desk to answer questions. Samples of the book will be available for view.

SAT19, 29, 39, 49: Oracle Primavera One-on-One Clinic: Conference 1
Two 30 minute sessions to clinic with a representative from CBA, a Oracle Primavera Partner, for One-on-One assistance. Sign up when you register or at the conference.

Linear project

Abstracts: Saturday 10 - 11:15 am

SAT21: Presentation and Negotiation of Delay Claims in Public Contracting: Marina E
The presentation and negotiation of delay claims on public contracts involve a variety of statutory and contractual limitations on claims in the context of public works projects. There are some real horror stories from the standpoint of a contractor, and they are not well known by project control engineers and project managers. Negotiation of delay claims involves different and other considerations than are involved in negotiation of delay claims on private contracts. Presented by Erich R. Luschei of Theodora Oringher PC and Russ Vakharia of the Los Angeles County Sanitation Districts.

SAT22: Oracle Primavera Town Hall: Marina F
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.

SAT23: Using Stochastic Optimization to Prioritize Risks: Mission Hills
One of the first things all analysts do after running their project risk analyses is check the sensitivity analysis. The most common sensitivity analysis graphic is the ubiquitous "tornado chart." Unfortunately, Pearson's correlation is unreliable when examining discrete events. This presentation will explore the reasons why Pearson's correlation is an unreliable metric for prioritizing risks. It will then explore alternate methodologies using stochastic optimization for more accurately prioritizing risks. The paper will conclude by providing recommendations for community standards for prioritizing and ranking discrete risk events as they relate to potential cost and schedule growth. Presented by Eric Druker.

SAT24: Document Control for Better Claims Avoidance and Resolution: Cardiff
In this session, attendees will learn the best practices for electronic document control that Faithful+Gould has developed from over 8

years. They will discuss implementations with Primavera Contract Manager, Unifier, and other solutions, both in the cloud and in the data center. Topics covered will include linking schedules to cost management elements to enable better cash flow forecasting, getting the level of complexity of processes 'right', adapting the project management system to the project and the benefits of transparency in project management. The session will be presented by Richard Tregaskes of Faithful+Gould, an international Project Management firm.

SAT25: Introduction to Asta Site Progress Mobile: Del Mar
Manage progress from site better using mobile technology. Making progress updates from site back to base has traditionally been tough, with progress often recorded on paper, or relying on someone updating a spreadsheet and emailing it back to the office. It is now possible to streamline progress from site to enable accurate updating easily using mobile technology. The new Site Progress Mobile app from Asta enables you to record progress in a standardised way through smartphones and tablets. See how you can:

- Record project progress quickly and easily
- Update progress at any time, from any location
- Improve data accuracy by removing need for any re-keying of progress updates
- Take photographs and associate them with particular tasks or build stages

Presented by Jason Ruddle, Head of Sales & Professional Services, Asta Development plc.

SAT26: When Projects are Delayed Beyond Contract Boundaries: Catalina
One Owner/Agency has implemented a series of initiatives that have been tailored to prevent delays that are commonly caused by third-party utility companies. There is a strong need to develop alternative management principles that modify some deep-rooted cultures within the Utility companies, the Contractors and within the DOT

itself. Attendees will learn about the thriving construction planning/scheduling initiative that is also supplemented with unique performance incentives and some important training/outreach lessons-learned. Attendees who work on public bridge/roadway projects will have some great suggestions to take back to their DOTs, to help make everyone on their project team much more efficient in getting the project done more quickly and with fewer construction claims/disputes.

SAT27: Why Project Execution Doesn't Cause Project Failure: La Costa
Major construction projects are renowned for running late and over budget. What if we did a better job of creating more realistic, achievable plans that account for potential delays and risks? This paper examines the importance of building sound, risk-adjusted schedules as well as techniques and diagnostics that should be part and parcel of every schedule developed. It's time we set ourselves up for success and not failure on our projects!
Presented by Dr. Dan Patterson, formerly Vice President of Product Strategy, Deltek.

SAT28: Review of the Guild's Standard of Practice for Planning & Scheduling: Miramar
The International Guild of Project Controls has completed our body of knowledge for Planning & Scheduling and the Planning & Scheduling certification exams have been developed based on this manual. This body of knowledge was developed with contributors from the US, the UK, and other global scheduling experts. This session will display the manual and discuss how it fits into the four levels of Planning & Scheduling certifications. Samples of the manual will be available for view.

SAT60: Plenary Luncheon Theatre: The Great Debate: Marina G Lean Planning vs CPM Methodologies. Moderated by Ernie Hani. (12 - 1 pm)

Abstracts: Saturday 1:15 - 2:30 pm

SAT31: A Construction Lawyer's Perspective on the Cultural and Legal Impact of BIM and IPD on CPM: Marina E
What are the legal and cultural impacts of BIM and IPD on CPM? The industry wastes 40% to 60% of the labor, materials and time invested in capital projects; that's a problem. Integrated Project Development (IPD) teams capable of deploying better planning, design and construction processes can cut that waste in half; that's a solution. Creating a legal framework that supports and enables planning, design and construction in a trust based environment; that's a strategy. Creating a smart built culture on your next project; that leads to success. Join James L. Salmon, Esq. of Collaborative Construction to learn how BIM and IPD are impacting our industry's fragmented, adversarial and paranoid culture and how construction professionals can created a smart built culture that is integrated, collaborative and cooperative and reduces waste and inefficiency.

SAT32: Inner Workings of P6 by Ron Winter: Part I: Marina F

SAT33: Polaris Cost & Schedule Risk In-Depth Training: Mission Hills

SAT34: An Afternoon with Synchro: Part I: Cardiff

Saturday Abstracts, con't.

SAT35:Industry Input to CPM in Construction Management, 8th Edition: Del Mar
This classic, originally written by James J. O'Brien in 1964, continues to be used as a primary teaching textbook, a ready reference, and as an industry bible cited in numerous federal, state, municipal and private contract specifications. Professor Plotnick will discuss several sections with the audience, soliciting input to the upcoming 8th Edition (2015).

SAT36: Project Showcase: An Electrified Master Schedule: Catalina
The approx. $1.5B Peninsula Corridor Electrification Program (PCEP) includes the electrification (overhead catenary, traction power and communication systems) for over 50 miles of existing commuter railroad on the San Francisco Peninsula as well as the migration to Electrical Vehicles. This presentation provides insight into how URS (program manager) brought together the large amount of project data, constraints, basis/assumptions and strategies to provide the basis for the master schedule (in P6) and the key drivers for the cost estimate. Presented by Craig Olsen of AECOM.

SAT37: PMCOS program: La Costa

SAT38: Review of the Guild's Standard of Practice for Forensic Analysis: Miramar
The International Guild of Project Controls has completed our body of knowledge for Forensic Analysis and the Forensic Analysis certification exams have been developed based on this manual. This body of knowledge was developed with contributors from the US, the UK, and other global forensic scheduling experts. This session will display the manual and discuss how it fits into the four levels of Forensic Analysis certifications. Samples of the manual will be available for view.

Abstracts: Saturday 2:45 - 4 pm

SAT41: Experts & Ethics—A Panel Discussion: Marina E

SAT42: Inner Workings of P6 by Ron Winter: Part II: Marina F

SAT43: Polaris Cost & Schedule Risk In-Depth Training: Mission Hills

SAT44: An Afternoon with Synchro: Part II: Cardiff

SAT45: Katy's Castle—An exercise in collaborative planning & scheduling: Del Mar
The broken culture pursuant to which capital projects are planned, procured, designed, constructed and ultimately operated and maintained must be repaired. That broken culture is

fragmented, adversarial and paranoid. It must be replaced with a smart built culture that is integrated, collaborative and cooperative. Building Katy's Castle exposes broken features of the current culture and highlights the benefits of a smart built culture that is integrated, collaborative and cooperative. Join James L. Salmon, Esq. of Collaborative Construction for an opportunity to build Katy's Castle live.

SAT46: TBD

SAT47: PMCOS program: La Costa

SAT48: Review of the Guild's Standard of Practice for Cost Management: Miramar
The International Guild of Project Controls has completed our body of knowledge for Cost Management and the Cost Management certification exams have been developed based on this manual. This body of knowledge was developed with contributors from the US, the UK, and other global scheduling experts. This session will display the manual and discuss how it fits into the four levels of Cost Management certifications.

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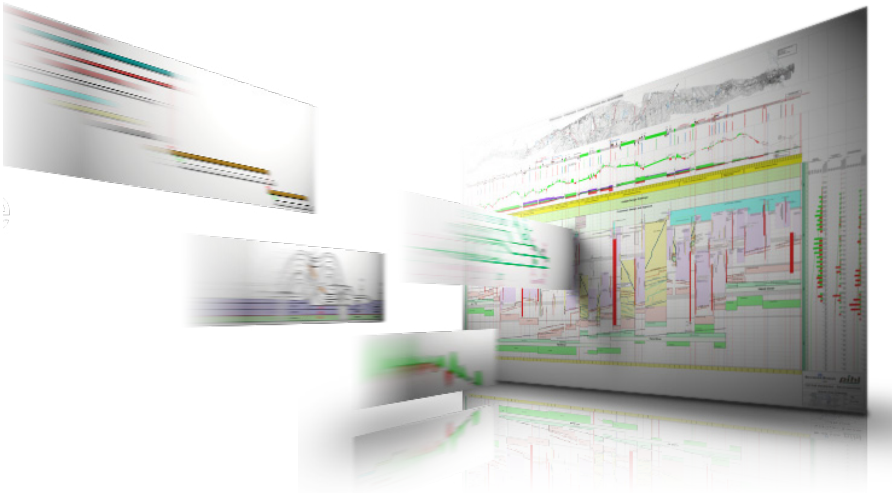

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phoe·nix *[fee-niks]*
-noun

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. . .

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