



## Welcome Back to the Swan

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Photo of Harri & Julian Plotnick – November 2003

Seventh Edition

# CPM in Construction Management

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*Seventh Edition*

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See us at  
**TABLE 28**

Fred Plotnick's

# Construction CPM Conference

January 12 - 15, 2011

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*Mandara Spa is offering some wonderful specials exclusively for your group. You will save \$25.00 on any individual service valued at \$100.00 or more! In addition, we will also be extending a 20% discount on all retail purchases for your group while you are with us. These discounts, of course, are not to be used in conjunction with any other offers or discounts.*

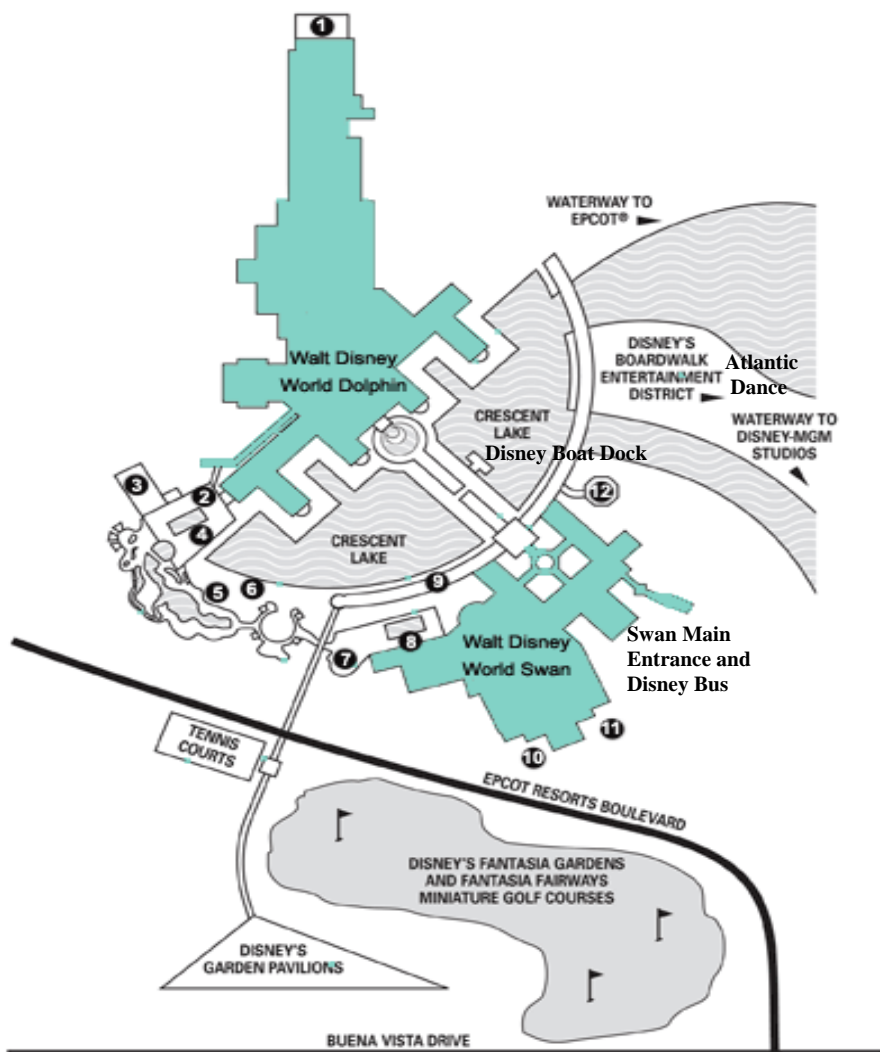
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# MAP OF SWAN & DOLPHIN RESORT



- |                       |                                 |
|-----------------------|---------------------------------|
| 1 Pacific Terrace     | 7 Children's Playground         |
| 2 Cabana Bar & Grill  | 8 Swan Lap Pool                 |
| 3 Cabana Deck         | 9 Lake Terrace (Our Receptions) |
| 4 Lap Pool            | 10 Osprey Terrace 1             |
| 5 Grotto Pool & Beach | 11 Osprey Terrace 2             |
| 6 Paddle Boat Rentals | 12 Crescent Terrace             |

**Wednesday Welcome Reception by Oracle at Lake Terrace 7-10pm**  
**Thursday Happy Hour Reception by Deltek at Lake Terrace 5-6:30pm**  
**Thursday One-Last-Drink by EnProMaC at Atlantic Dance 10-12 midnight**  
**Friday Dessert & Fireworks at EPCOT by Microsoft meets at Boat Dock 7:30pm**

# LIST OF EXHIBITORS

Exhibitor	Table
Acumen Fuse .....	1
Pipeline Software .....	2
Deltek .....	3
PMA Consultants .....	4
Catalyst .....	5
Hill International, Inc. ....	6
Evans Technology .....	7
Humphreys & Associates, Inc. ....	8
Micro Planner .....	9
McCullough & Associates .....	10
McCullough & Associates .....	Internet Cafe
Mid-State Solutions, Inc. ....	14
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Conference Off-Hour Registration .....	27
AACEi Informational .....	28
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PMICOS Informational .....	30

Conference FlashDrive on a Credit Card by Acumen Fuse







**Visit us at Exhibit Table #28**

---

## **Wednesday Events**

8:00a to 5:00p	AACEi PSP Exam	Lark 2
9:00a to 4:00p	PMA First Annual User Meeting	Peacock 1&2
5:00p to 9:00p	Registration	Registration
7:00p to 10:00p	Welcome Reception	Swan Terrace





**WELCOME RECEPTION**

**SPONSORED BY**

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**WEDNESDAY JANUARY 12<sup>th</sup>  
7:00 to 10:00 P.M.**

**Ticketed Event**

**Relax and Network with New Friends**

**enjoy heavy hors d'oeuvres or a light meal**

**and two drinks courtesy of Oracle**

**(additional drinks may be purchased)**

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# THURSDAY PROGRAM

6:30 to 8:00

Breakfast – Scrambled Eggs & Bacon

# ORACLE®

8:00 to 9:15

Opening Keynote Presentation

Swan 5/6

Fredric L. Plotnick, Ph.D., Esq., P.E.

video greeting by James J. O'Brien

Joel Koppelman, founder of Primavera

Richard Faris, founder of Primavera

John Owen, of Deltek

9:15 to 9:45

Exhibitor's Coffee Break Courtesy of



9:45 to 11:00

Breakout Sessions #1

Introduction to Oracle P6 software

Introduction to Deltek Open Plan software

Introduction to Microsoft Project 2010

Introduction to Oracle P3 software

Project Showcase: AECOM Delta-JFK

Introduction to Phoenix Project Manager

Lessons from *CPM in Construction Management*

Oracle Primavera One-on-One Clinic

Swan 5

Swan 6

M'bird 1

Pelican 1

Pelican 2

Peacock 1

Peacock 2

Lark 2

11:00 to 11:10

Exhibitor Break – Free Float

11:10 to 12:25

Breakout Sessions #2

Oracle P6 Advanced Features

Deltek Open Plan Advanced Features

Intro to PMA Netpoint software

Bridging Oracle P3 to P6

Project Showcase: Herzog Rail Project

Ted Douglas Schedule Constructability Review

Steve Kelly on Document Management

Oracle Primavera One-on-One Clinic

Swan 5

Swan 6

M'bird 1

Pelican 1

Pelican 2

Peacock 1

Peacock 2

Lark 2

**12:25 to 2:00**

**Luncheon**

A Plated Lunch of ... "wedge salad" iceberg lettuce, bleu cheese, bacon, tomato, red onion, bleu cheese dressing; then cavatappi pasta, pesto chicken, fire roasted peppers, asparagus, fresh tomato sauce; then swan and dolphin strawberry cheesecake

**2:00 to 3:15**

**Breakout Sessions #3**

Don McNatty on P6 Master Schedules

Swan 5

Intro to Acumen Fuse

Swan 6

Glen Palmer on Mitigating Project Risk

M'bird 1

Intro to Micro Planner

Pelican 1

Jeff Huneycutt on COE Guide Specification

Pelican 2

PMI COS SEI Session #1

Peacock 1

PMA Netpoint How-To Clinic

Peacock 2

Oracle Primavera One-on-One Clinic

Lark 2

**3:15 to 3:35**

**Exhibitor's Ice Tea Break Courtesy of**



**VillageGreen®**  
Apothecary

<http://www.myvillagegreen.com/>

**3:35 to 4:50**

**Breakout Sessions #4**

Oracle Contract Manager

Swan 5

Intro to Oracle Risk Analysis (Pertmaster)

Swan 6

Practical Information to Boost CPM Credibility

M'bird 1

Intro to Spider Project Software

Pelican 1

PA Blue Route - Scheduling Over the Long Haul

Pelican 2

PMI COS SEI Session #2

Peacock 1

Creating a COE Ready Oracle P6 Schedule

Peacock 2

Oracle Primavera One-on-One Clinic

Lark 2

**4:50 to 6:30**

**Happy Hour Networking Reception**

Lake Terrace (Swan Pool Area) – Sponsored by



# NETWORKING RECEPTION

SPONSORED BY

DELTEK

**THURSDAY JANUARY 13<sup>th</sup>**  
**4:50 to 6:30 P.M.**

**Ticketed Event**

**Relax and Network with New Friends**  
**enjoy hors d'oeuvres and light fare**  
**and two drinks courtesy of Deltek**  
**(additional drinks may be purchased)**



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# **DINNER ON YOUR OWN**

**Dine with Family, Old Friends, or with**

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**Shula's Steak House**

**Il Mulino**

**Kimonos**

**Todd English's Bluezoo**

**at one of the specialty restaurants of Disney**

**Club Cape May Café at Disney's Beach Club**

**Big River Grille & Brewing Works,**

**Kouzzina by Cat Cora, or**

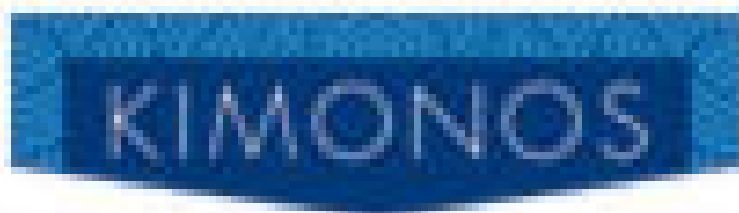
**Flying Fish Café at Disney's Boardwalk**

**or other fine restaurants of the Orlando area**

**Medieval Time Dinner & Tournament**

**\*\*\*\*\***

**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 Lark 1, email [info@constructioncpm.com](mailto:info@constructioncpm.com) or call 484-222-0357 to check for late cancellations or additional tables becoming available.**



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**AT**

**ATLANTIC DANCE HALL at Disney's Boardwalk**

**First Drink Provided Courtesy of**

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**THURSDAY JANUARY 13<sup>th</sup>  
10:00 P.M. to Midnight**

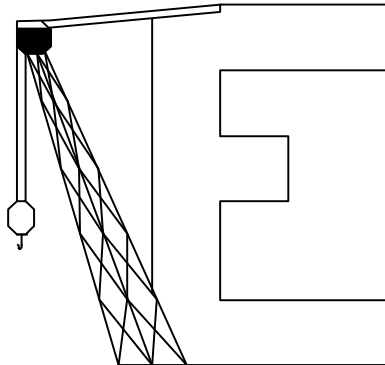
**(additional drinks may be purchased)**

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**One Last Late Night Drink  
Sponsored by**

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## **FRIDAY PROGRAM**

**6:30 to 8:00**

**Breakfast – Choice of Breakfast Sandwiches**



**8:00 to 9:15**

**Friday Keynote Presentation  
Irv Richter, Hill International**

**9:15 to 9:45**

**Exhibitor's Coffee Break Courtesy of**



# **Hill International**

**9:45 to 11:00**

**Breakout Sessions #5**

Mike Nosbisch on Resource Leveling  
Introduction to Oracle Web Based P6 R8  
Jonathan Japka on Preparing the WBS  
Claims Avoidance Miami Intl Airport  
Introduction to Deltek Open Plan (repeat)  
Introduction to Oracle P3 software (repeat)  
Spider Project Advanced  
Oracle Primavera One-on-One Clinic

Swan 5  
Swan 6  
M'bird 1  
Pelican 1  
Pelican 2  
Peacock 1  
Peacock 2  
Lark 2

**11:00 to 11:10**

**Exhibitor Break – Free Float**

**11:10 to 12:25**

**Breakout Sessions #6**

Acumen Fuse Case Study – World Trade Center  
HCP – Shortening Complex Schedules  
Oracle P3 Advanced Features  
Introduction to ASTA Powerproject  
Introduction to Oracle P6 software (repeat)  
Introduction to Microsoft Project 2010 (repeat)  
Deltek Open Plan Advanced Features (repeat)  
Oracle Primavera One-on-One Clinic

Swan 5  
Swan 6  
M'bird 1  
Pelican 1  
Pelican 2  
Peacock 1  
Peacock 2  
Lark 2

**12:15 to 2:00**

**Luncheon**

A Plated Lunch of... mixed baby greens, shaved fennel, red onions, grated regiano parmesan, balsamic vinaigrette; then cheese filled tortellini, sauteed shrimp, shiitake, sun-dried tomato cream; then key lime pie, raspberry sauce

**2:00 to 3:15**

**Breakout Sessions #7**

David Hulett on Risk

Ron Winter on DCMA 14 Point Analysis

Envision's \$1.8B Rail Bridge Project

Improving Manufacturing Performance with P6

Intro to Phoenix Project Manager (repeat)

Intro to Micro Planner Software (repeat)

Intro to Acumen Fuse (repeat)

Oracle Primavera One-on-One Clinic

Swan 5

Swan 6

M'bird 1

Pelican 1

Pelican 2

Peacock 1

Peacock 2

Lark 2

**3:15 to 3:35**

**Exhibitor's Ice Tea Break Courtesy of**



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**3:35 to 4:50**

**Breakout Sessions #8**

Intro to Oracle Risk Analysis (repeat)

Mike Stone on a Successful Consulting Practice

Intro to Microsoft Sharepoint

Intro to Bentley CAD

Introduction to Oracle P6 Advanced (repeat)

Intro to Spider Project Software (repeat)

Intro to PMA Netpoint Software (repeat)

Oracle Primavera One-on-One Clinic

Swan 5

Swan 6

M'bird 1

Pelican 1

Pelican 2

Peacock 1

Peacock 2

Lark 2

**4:50 to 6:00**

**Affinity Group Meetings**

MPUG Meeting

AACEi Scheduling Committee Meeting

OPSIG Meeting

Planning Planet Meeting

PMICOS SEI Group Networking Event

M'bird 1

Pelican 1

Pelican 2

Peacock 1

Peacock 2

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DESSERT & FIREWORKS  
NETWORKING EVENT  
7:45 to 9:30 to Midnight**

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## SATURDAY PROGRAM

6:30 to 8:00

Breakfast – Pancakes and Sausage Links

# Microsoft®

8:00 to 9:15

Breakout Sessions #9

Fred Plotnick & Jim Zack on CLAIMS

Gary Humphreys on EVM

Introduction to Oracle Web Based P6 R8 (repeat)

The Technology Trap

Managing Los Angeles' \$40B Transit program

Spider Project Enterprise

Intro to ASTA Powerproject (repeat)

Oracle Primavera One-on-One Clinic

Swan 5

Swan 6

M'bird 1

Pelican 1

Pelican 2

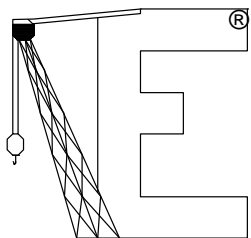
Peacock 1

Peacock 2

Lark 2

9:15 to 9:35

Exhibitor's Coffee Break Courtesy of



## nProMaC

9:35 to 10:50

Breakout Sessions #10

Attorneys on Tips for Experts

P6 Reports for All

What do you want in CPM software?

BIM Based Programs Using Flowline

Streamlining Project Management at Lobar

Time Delayed Damping for LOB Schedules  
open

Oracle Primavera One-on-One Clinic

Swan 5

Swan 6

M'bird 1

Pelican 1

Pelican 2

Peacock 1

Peacock 2

Lark 2

10:50 to 11:00

Exhibitor Break – Free Float

Vezina, Lawrence & Piscitelli, P.A.

Attorneys at Law

**11:00 to 12:15 Breakout Sessions #11**

Attorneys Prepare for the Mock Trial  
 Oracle P6 Tips & Tricks  
 11 Steps to Control Project Cost  
 BIM: Transparency and Information Sharing  
 Life of a Major rail Project  
 ADM v PDM – Micro Planner Handles Both  
 Applying Best Practices for Cost Management  
 Oracle Primavera One-on-One Clinic

Swan 5  
 Swan 6  
 M'bird 1  
 Pelican 1  
 Pelican 2  
 Peacock 1  
 Peacock 2  
 Lark 2

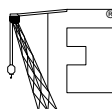
**12:15 to 12:30 Pre-Lunch Exhibitor Break**

Distribution of a Box Lunch of... Choice of grilled vegetables, mozzarella cheese, hoagie roll, or roasted turkey, jarlsburg cheese, french roll, or sliced italian meats, provolone cheese, olive roll, and bag of chips, whole fruit, salad and cookie.

**Please pick up your box lunch in the Exhibit Hall  
 and take to your lunch session**

**12:30 to 2:15****Mock Trial Luncheon Theatre**

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*real trials. real judges. real appeal.*

**12:30 to 1:20****Concurrent Breakout Sessions #12**

Oracle P6 Administrator Tips & Tricks  
 Intro to Deltek COBRA  
 open  
 Integrated Project Plan (IPP) Best Practices  
 Practical Use of Earned Value  
 Oracle Primavera One-on-One Clinic

M'bird 1  
 Pelican 1  
 Pelican 2  
 Peacock 1  
 Peacock 2  
 Lark 2

**1:25 to 2:15****Concurrent Breakout Sessions #13**

Oracle Contract Manager Admin Tips & Tricks  
 Introduction to Synchro Software  
 open  
 Integrating Cost & Schedule with Ecosys  
 Intro to Oracle Business Tools (BPM)  
 Oracle Primavera One-on-One Clinic

M'bird 1  
 Pelican 1  
 Pelican 2  
 Peacock 1  
 Peacock 2  
 Lark 2

**2:15 to 2:45****Post-Lunch Exhibitor Break**

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2:45 to 4:00

**Breakout Sessions #14**

Mock Trial Recap by Judge John Marshall  
Oracle P3/P6 User Forum  
Deltek Open Plan User Forum  
ASTA Powerproject User Forum  
Microsoft Project 2010 User Forum  
Phoenix Project Manager User Forum  
PMA Netpoint User Forum  
Oracle Primavera One-on-One Clinic

Swan 5/6  
Swan 7-10  
M'bird 1  
Pelican 1  
Pelican 2  
Peacock 1  
Peacock 2  
Lark 2

**SEE ALL OF YOU NEXT YEAR**

**DATE**

**January 18-21, 2012**

**LOCATION**

**Swan Resort – Walt Disney World, FL**



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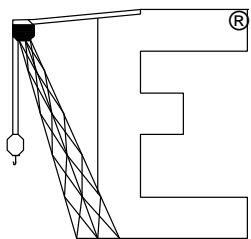
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[tcalvey@calveyconsulting.co](mailto:tcalvey@calveyconsulting.co)

Visit with Tim Calvey at the Mock Trial on Saturday, January 15, 2011

# Construction VERPM Conference™

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**THU00 - Thursday 8:00 to 9:15 Swan 5 & 6**

**Opening Session**

**with**

**James J. O'Brien, PMP, P.E.**

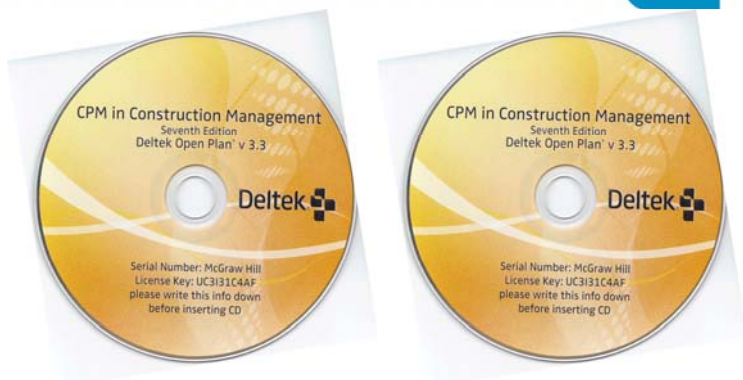
**Joel Koppelman, P.E.**

**John Owen**

**Dick Faris, P.E.**

The history, evolution and possible futures of CPM as a tool for aiding construction professionals will be examined by this distinguished panel. Jim will open with the origins of the methodology and the difficulties of working with mainframe computer service centers run by the priests of CPM. Dick and John will continue the story with the transition to personal computers and the difficulties of creating user friendliness for additional members of the project team. Joel will discuss where we are now headed, along with other members of the panel. Fred will moderate, and add a short tutorial on the necessary discipline required by users of modern software as we embrace the greater power and freedom provided.

---



**Visit us at Exhibit Table #3**

## **Abstracts**

**THU11 - Thursday 9:35 to 10:50 Swan 5**

### **Introduction to Oracle's Primavera P6 Enterprise Project Portfolio Management Software**

This session will lead attendees from download of Primavera P6 software from Oracle's website to delivery of the first report to management of the Contractor and the Owner. This session is taught by two veteran users of P6™, Hannah Schumacher, Scheduling Manager for Kitchell Contractors ([www.kitchell.com](http://www.kitchell.com)) and Charlie Jackson, Director of Primavera Services for Hill International ([www.hillintl.com](http://www.hillintl.com)).

Many Contract Documents are now requiring the use of the latest version of Primavera software (P6™) due to its enterprise capabilities and its use of latest technologies including the capabilities to interact other software applications; therefore it is important for the Scheduler to understand how to use this software most efficiently in their battle to complete their projects in a timely manner.

Primavera's latest release of P6™ contains many features that can assist in developing schedules quickly and efficiently. However, a new or in-experienced user would be overwhelmed in the struggle to prepare the schedule using P6™ and these advanced features without proper training or "Basic Training".

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™.

**This session is repeated at FRI25**

**THU12 - Thursday 9:35 to 10:50 Swan 6**

### **Introduction to Deltek Open Plan Software**

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 a member of the Welcome Software team that developed the original version, and now of the Deltek team that developed the latest version of Open Plan

**This session is repeated at FRI15**

**THU13 – Thursday 9:35 to 10:50 Mockingbird 1**

### **Introduction to Microsoft Project 2010**

This session will lead attendees from download of Project 2010 from Microsoft's website to delivery of the first update report to management of the Contractor and the Owner. Taught by a member of the Microsoft team that developed the latest version

**This session is repeated at FRI26**



**THU14 – Thursday 9:35 to 10:50 Pelican 1**

### **Introduction to Oracle's Primavera P3 Project Planner Software**

This session will lead attendees from download of Primavera P3 software from Oracle's website to delivery of the first update report to management of the Contractor and the Owner. Taught by a veteran user of Primavera P3, Ted Douglas, emphasis will be given to Primavera P3's professional features, superior calculations, and ease of use.

This session is repeated at FRI16

**THU15 – Thursday 9:35 to 10:50 Pelican 2**

### **Project Showcase: AECOM's Implementation of a Web Based Collaborative Project Control System on the Multi-Year, Delta – JFK Redevelopment Program**

This showcase presentation will be given by AECOM's Project Controls Manager, Ron Pelekanos.

**THU16 – Thursday 9:35 to 10:50 Peacock 1**

### **Introduction to Phoenix Project Manager**

This session will lead attendees from download of Phoenix Project Manager from their website to delivery of the first update report to management of the Contractor and the Owner. Taught by a member of the team that developed the latest version of Phoenix Project Manager.

This session is repeated at FRI35

**THU17 – Thursday 9:35 to 10:50 Peacock 2**

### **Industry Trends Noted in CPM in Construction Management, 7th 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.

**THU18 – Thursday 9:35 to 10:50 Lark 2**

### **Oracle Primavera One-on-One Clinic**

Three 25 minute sessions to clinic with a representative from Oracle Primavera One-on-One. Sign up opposite Registration.

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Find out more at [www.deltek.com/epm](http://www.deltek.com/epm)



## **Abstracts**

**THU21 – Thursday 11:00 to 12:15 Swan 5**

### **Oracle's Primavera P6 Advanced Features**

This session will continue instruction in Primavera P6 features such as resource loading, leveling and smoothing, cost loading and past period reporting, and graphics. Taught by a member of the team that developed the latest version of Oracle Primavera P6

This session is repeated at FRI45

**THU22 – Thursday 11:00 to 12:15 Swan 6**

### **Deltek Open Plan Advanced Features**

This session will continue instruction in P6 features such as resource loading, leveling and smoothing, cost loading and past period reporting, and graphics. Taught by a member of the Welcom software team that developed the original version, and now of the Deltek team that developed the latest version of Open Plan.

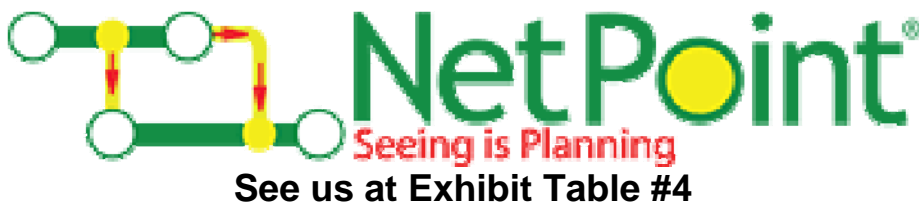
This session is repeated at FRI27

**THU23 – Thursday 11:00 to 12:15 Mockingbird 1**

### **Intro to PMA Netpoint software**

This session will lead attendees from download of Netpoint software from PMA's website to delivery of the first update report to management of the Contractor and the Owner. Taught by a member of the PMA team that developed the latest version of Netpoint.

This session is repeated at FRI47



**THU24 – Thursday 11:00 to 12:15 Pelican 1**

### **Bridging from Oracle's Primavera P3 to Primavera P6**

This session will assist those users of Primavera P3 or Primavera SureTrak who desire to move up to Oracle Primavera P6. Taught by a member of the team that developed the latest version of Oracle Primavera P6.

THU25 – Thursday 11:00 to 12:15 Pelican 2

### Project Showcase: - Herzog Rail Transit Project

The FasTracks West Corridor is a 12.1-mile light rail transit corridor between the Auraria Campus in downtown Denver and the Jefferson County Government Center in Golden, serving Denver, Lakewood, the Federal Center, Golden and Jeffco. The West Corridor travels through a series of parks in Denver on the east end of the alignment, through residential neighborhoods along 13th Avenue in Lakewood, through the Lakewood Industrial Park, onto the Federal Center site, and along 6th Avenue to the Jefferson County Government Center on the western end of the project. The West Corridor is the first FasTracks Corridor under construction and will be the first to open in May 2013. This presentation will discuss the issues of scheduling for this project by the joint venture of the Denver Transit Construction Group composed of HERZOG and Stacy & Witbeck, Inc.



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## **Abstracts**

**THU26 – Thursday 11:00 to 12:15 Peacock 1**

### **Schedule Constructability Review**

A Schedule Constructability Review is performed to analyze and assess the feasibility of the construction plan. These reviews are intended to bring to light problems in the following areas: reasonableness of work sequence, comprehensive and completion of construction planning, coordination and interface among the various craft trades and engineering disciplines, adequacy of lead time for material and equipment procurement, site work restrictions and adequacy of site access. The schedule constructability review compares the planned sequence of work with the project scope, site requirements, and the specific needs of the client. This presentation will focus on constructability concepts influencing the construction execution planning and a suggested review process for the construction project schedule.

Presented by Ted Douglas.

**THU27 – Thursday 11:00 to 12:15 Peacock 2**

### **Primavera Contract Management and My Money**

Learn how PCM can be used to better manage all monetary aspects of my project. This includes the cost worksheet, contracts, changes and the change process, forecasting, payments and payment requests. We will also touch on interfacing with other accounting or ERP systems as well. Project Management should never have to look into the accounting system – they are not bean counters. See how PCM can give the Project Manager all the information required to make informed timely decisions regarding their project.

Presented by Steve Kelly of Pro Management Systems, Inc. with over 20 years experience implementing PCM.

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**THU31 – Thursday 2:00 to 3:15 Swan 5**

### **Options for Managing Oracle's Primavera P6 Master Schedules**

This session will discuss several deployment options in use by various clients and their issues/successes in meeting their goals. Master schedules are defined as higher level, more summary schedules, that incorporate sub-tier schedules and updates as well as program-wide information for a complete perspective of the program, portfolio or project. In addition to actual examples based on the speakers 30+ years experience implementing project controls tools, the speaker will also provide some new perspectives based on Oracle's recent release of P6 r8.

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**THU32 – Thursday 2:00 to 3:15 Swan 6**

### **Intro to Acumen Fuse software**

Acumen Fuse™ is a project metric analysis and visualization tool assessing schedule, cost, risk and project performance. Using advanced analytics and libraries of metrics, Fuse™ provides a powerful means of pinpointing problematic areas and activities within a project and providing solutions for resolution. Advanced slice and dice analysis is achieved through a unique visualization approach using Acumen Fuse ribbons which can be generated by activity fields and custom attributes. This session will explore use of Acumen Fuse on a variety of CPM software file formats including Oracle Primavera P6 and Risk Analysis (Pertmaster,) Deltek Open Plan, Microsoft Project 2003, 2007, 2010, and others.

Fuse can be used for improving the quality of plans, assessing bids and subcontractor schedules as well as powerful forensics during construction claims and disputes.

Demo software may be downloaded at  
<http://www.projectacumen.com/products/fuse/trial>

This session is repeated at FRI37

**THU33 – Thursday 2:00 to 3:15 Mockingbird 1**

### **Identifying and Mitigating Schedule Risk A Meaningful Approach**

There are many approaches for determining schedule risk, some of which are very complex and can only be performed by the architect of that methodology. Others are overly simplistic and can be manipulated to provide any answer desired by the user. The approach discussed in this paper is a method that focuses on identifying and controlling those activities in a project schedule that have the greatest ability to delay a project and can be used by any project team. Glen Palmer, has successfully used this methodology on an international process plant project worth more than a billion dollars.

**THU34 – Thursday 2:00 to 3:15 Pelican 1**

### **Intro to Micro Planner Software**

This session will lead attendees from download of Micro Planner Manager software from the Micro Planner International website to delivery of the first update report to management of the Contractor and the Owner. Taught by a member of the team that developed the latest version of Micro Planner Manager and Micro Planner X-Pert.

Demo software may be downloaded at  
<http://www.microplanning.com/default.aspx?tabid=2095>

This session is repeated at FRI36

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**THU35 – Thursday 2:00 to 3:15 Pelican 2**

### **U.S. Army Corps of Engineers Guide Specification on CPM**

Jeff Huneycutt will discuss the expectations of the COE relating to preparation and utilization of a CPM.

**THU36 – Thursday 2:00 to 3:15 Peacock 1**

### **PMI COS SEI Town Hall Session #1**

**THU37 – Thursday 2:00 to 3:15 Peacock 2**

### **PMA Netpoint Hands-On**

This session will provide hands on instruction in use of Netpoint software

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**THU41 – Thursday 3:35 to 4:50 Swan 5**

### **Contract Management presented by Ben Shulz**

Learn how Oracle Primavera's Contract Management software supports Critical Path Method by providing a single, reliable source for accurate creation and storage, and efficient retrieval of pertinent project documentation. Primavera software trainer, Ben Schulz, will provide users with an in-depth look into the capabilities of Contract Management; addressing its reporting functions, schedule integration, and ease of use with on-demand, real-time reporting. This session will demonstrate how optimization of these Contract Management software functions ensure the reliability and timely completion of your projects.

**THU42 – Thursday 3:35 to 4:50 Swan 6**

### **Intro to Oracle's Primavera Risk Analysis**

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.

This session is repeated at FRI41



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**Spider Project** is powerful professional project management software, unparalleled in the world market. The first Spider Project version was launched in 1993 and since then its development was never interrupted. The current Version 10 is used in 28 countries.

Spider Project offers numerous unique functional features and is the only PM software that optimizes resource, cost, and material constrained schedules and budgets for projects and portfolios.

The unique features of Spider Project include Quantity Based Scheduling, Conditional Scheduling, Skill Scheduling, Resource Critical Path Calculation, Cost and Material Leveling, Resource Constrained Schedule Optimization, Cash and Material Flow Calculation and Management, Application of Corporate Norms, Management of Parallel Budgets, Intelligent Risk Analysis, Trend Analysis, Management of Success Probability Trends and Project Time and Cost Buffers, and many others.

Spider Project is used for management of many large scale programs, including the preparation for 2014 Winter Olympic Games.

The application areas where Spider Project is successfully used include Aerospace, Banking, Construction, Defense, Energy, Engineering, Infrastructure, Manufacturing, Metallurgy, Mining, Oil & Gas, Railways, Retail, Shipbuilding, Software Development, Telecommunications, Utilities.

SP Demo may be downloaded at [http://www.spiderproject.ru/demo\\_e.php](http://www.spiderproject.ru/demo_e.php)

**THU43 – Thursday 3:35 to 4:50 Mockingbird 1**

### **Practical Information to Boost Schedule Credibility**

Schedules are one of the most important tools in managing projects. For this to be so, the schedule needs to model the organization's process for executing the Project/Program and it has to have certain qualities to communicate the vast repository of information it contains to the Stakeholders. The Schedule has to be Credible. The Scheduler's job is to develop, maintain, and status this "Credible" schedule. What do they need to do that? What is needed are Knowledge, Scheduler Team Cohesion, Processes, and Tools.

This presentation will go through various topics ranging from Soft Skills needed by Schedulers to how to analyze schedules. The in-between deals with everything from how to describe an activity to tips on links, constraints, critical path, coding, duration granularity, and using resources to name a few. Passing the X Schedule Metrics from your Prime or Customer does not necessarily mean that the schedule is the best tool it can be. There is a lot of other "Stuff" that is important, we will delve into that "Stuff".

Presented by John Krahula of PMMetrics

**THU44 – Thursday 3:35 to 4:50 Pelican 1**

### **Intro to Spider Project software**

This session will lead attendees from download of Spider Project software from the Spider Project Team website to delivery of the first update report to management of the Contractor and the Owner. Taught by a member of the team that developed the latest version of Spider Project, Vladimir Liberzon, this session will explore the methodology used to create schedule models which may then be further expanded to corporate databases for use in future projects.

Demo software may be downloaded at

<http://www.spiderproject.ru/enter.php?ver=prof&lang=eng>

This session is repeated at FRI46

**THU45 – Thursday 3:35 to 4:50 Pelican 2**

### **Scheduling Over the Long Haul - The Pennsylvania Blue Route**

Presented by Joseph Martin, Ph.D., P.E., of Drexel University

**THU46 – Thursday 3:35 to 4:50 Peacock 1**

### **PMI COS SEI Town Hall Session #2**

**THU47 – Thursday 3:35 to 4:50 Peacock 2**

### **Creating a U.S. Army Corps Ready Oracle's Primavera P6 Schedule**

Bring your laptop to this session to set up your template for preparing a schedule to meet the COE guideline specification. Taught by Michael Kohoe, MBA, PMP, of IP System 3, this session will have you ready for your next project with the Corps.

**FRI00 – Friday 8:00 to 9:15 Swan 5 & 6**

### **Keynote Session with Irv Richter of Hill International**

Irvin E. Richter is Founder, Chairman and CEO of Hill International, a worldwide construction consulting firm specializing in project management and construction claims consulting. Founded by Mr. Richter in 1976, Hill evolved into a leader in the construction consulting industry pioneering services such as Construction Claims, The Project Neutral®, an alternative to construction litigation and Project Management Oversight, which became an industry staple for project monitoring. Today, Hill is ranked among the top 10 project management firms in the nation by Engineering News-Record. Hill has managed the construction of noted projects such as the U.S. Supreme Court Building modernization, the Comcast Center in Philadelphia, the World Trade Center Site Downtown Restoration Program and the creation of Palm Islands, man-made, palm tree-shaped islands in the Persian Gulf. Mr. Richter was also the Chairman and CEO of Hill's former subsidiary, Gibbs & Hill, Inc., an international power and transportation engineering firm and served as Chairman of its Taiwanese joint venture company, Gibsin Engineers, Ltd.

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**FRI11 – Friday 9:35 to 10:50 Swan 5**

### **Resource-Leveling—A Best Practice? by Michael Nosbisch**

**Do you “resource-level” your project schedule? Why not?**

Even though the practice of “resource-loading” is beyond the true definition of critical path method (CPM) scheduling, it is starting to catch on more and more with contractors attempting to educate their Owners that resources are never unlimited on any project as the forward and backward pass calculation implies. However, the intended next step in the process, actually “leveling” the resources to address inefficiencies and overallocations, is still not widespread in practice. In addition to lack of understanding and experience on the contractors’ part, in many cases it also stems from scheduling specifications that actually prohibit resource leveling as a perceived form of “float sequestration,” or an overt attempt by the contractor to reduce the total float across the project as the first step toward a delay claim.

This presentation will examine the practices of resource loading and leveling within CPM schedules, will discuss the challenges inherent in both, and ultimately will provide several recommended practices that contractors should consider to improve the management of their projects, regardless of the Owner/industry.

The presenter will be Michael Nosbisch, who will be leveraging his past experience as VP of Project Controls at Parsons Government Group as well as his current roles as President-Elect of AACE International and Vice President of EVM at SM&A, the leading program planning and control (PP&C) consulting company for government contractors. .



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**FRI12 – Friday 9:35 to 10:50 Swan 6**

**Introduction to Oracle's Primavera  
Web Based P6 Revision 8**  
This session is repeated at SAT03

**FRI13 – Friday 9:35 to 10:50 Mockingbird 1**

**Jonathan Japka on "How to prepare a WBS"**

The Work Breakdown Structure (WBS) is the primary organizational and reporting structure for CPM schedules. So what is it? Mr. Japka will define and demonstrate how to create a powerful yet easily understood WBS. Various real world examples will be presented. Make your schedule stand out and be the useful tool it is supposed to be by applying concepts learned in this session. [www.japka.us](http://www.japka.us)

**FRI14 – Friday 9:35 to 10:50 Pelican 1**

**Claims Avoidance Techniques Used in the  
Miami International Airport Program**

Claims arise from a variety of situations, but early indicators are slippage in the work and low productivity. The ability to monitor the progress of the work, moving beyond simple documentation to produce technical analysis with realistic predictions of progress, milestone completions, and production requires good schedule review and analysis, but more importantly, it requires claims avoidance schedule review. Partnering between the Owner and the provider of Construction Management Services is vital in claims avoidance, and the united front using best practices and good technical scheduling skills provides the ability to resolve current and minimize future disputes. This partnering in claims avoidance starts where most project controls efforts end, with the schedule reviews, and continues with a series of predictive analysis techniques, promoting open meetings between the Owner team and the Contractor team to discuss technical scheduling issues. Good reviews minimize claims potential in all schedules, keeping the focus on monitoring three major areas, Critical Path, Near-Critical Paths, and Mass Volume (Non-Critical) work slippage. The Owner/CM active role in the schedule reviews helps ensure the accuracy of the schedule, confirms or provides good prediction (or forecast) capability, provides mitigation support, and helps resolve outstanding issues for schedule claims avoidance. When done correctly, claims avoidance schedule reviews minimize conflicts and claims. Presented by Chris Carson of Alpha Corporation.

**FRI15 – Friday 9:35 to 10:50 Pelican 2**

**Introduction to Deltek Open Plan (repeat of THU12)**

**FRI16 – Friday 9:35 to 10:50 Peacock 1**

**Introduction to Oracle's Primavera P3 Project Planner Software  
(repeat of THU14)**

FRI17 – Friday 9:35 to 10:50 Peacock 2

### Spider Project Advanced

This clinic will lead attendees from basic data entry and report generation skills in Spider Project (provided in yesterday's session R22) to use of advanced features including Quantity Based Scheduling, Conditional Scheduling, Skill Scheduling, Resource Critical Path Calculation, Cost and Material Leveling, Resource Constrained Schedule Optimization, Cash and Material Flow Calculation and Management, Application of Corporate Norms, Management of Parallel Budgets, Intelligent Risk Analysis, Trend Analysis, Management of Success Probability Trends and Project Time and Cost Buffers, and many others.



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FRI21 – Friday 11:00 to 12:15 Swan 5

### Acumen Fuse - World Trade Center Rebuild Project Case Study Successful Dispute Resolution using Acumen Fuse

This presentation describes how the use of schedule and risk metrics proved invaluable in helping to determine the root cause of project failure and associated legal dispute regarding the World Trade Center rebuild project. Used as part of a highly successful expert witness testimony, the results from this project metric analysis helped not only determine the root cause of schedule/cost overruns but also gave new insight into how to accelerate the project going forward. Pinpointing root cause of schedule delays as well as determining the realism and risk exposure surrounding both parties respective project schedules was key to resolution.

The presentation discusses specific schedule and risk metrics and techniques that helped resolution be achieved that ultimately provided benefit for both parties.





**FRI22 – Friday 11:00 to 12:15 Swan 6**

### **The Hidden Critical Paths (HCP) Method Shortening Complex Schedules**

HCP (Hidden Critical Paths) is a patented method of optimizing complex construction and infrastructure project schedules. The output of an HCP analysis indicates specific opportunities to reduce the duration of a project and uncover hidden risks in a schedule. This has been used successfully by project managers, executive management and even a party to a construction claim.

In most large construction and infrastructure projects, the improved project management enabled by this analysis can dramatically reduce risk and save millions of dollars. HCP uncovers serious flaws in schedule integrity, identifies opportunities for dramatic schedule improvement, reveals hidden risks in the schedule, highlights tasks requiring management attention, ensures alignment between different perspectives of the project and presents an overall confidence measure of a project's likelihood of 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.

**FRI23 – Friday 11:00 to 12:15 Mockingbird 1**

### **Oracle's Primavera P3 Advanced Features**

Taught by a veteran user of Primavera P3, Ted Douglas, this session will continue instruction in P3 features such as resource loading, leveling and smoothing, cost loading and past period reporting, global change, exporting, and graphics including pure logic and time scaled logic diagrams.

**FRI24 – Friday 11:00 to 12:15 Pelican 1**

### **Introduction to Asta Powerproject**

Led by John Buziak, PE, PMP this session will show why over 45,000 users worldwide have made Asta Development's suite of project and portfolio management software a leader in the industry. Case studies will be presented to show these systems in action throughout the world. Coast Software is a US Representative for Asta Development offering regional support and training. Download a trial version of Asta's powerful yet easy-to-use applications at [www.astedev.com](http://www.astedev.com).

**This session is repeated at SAT07**



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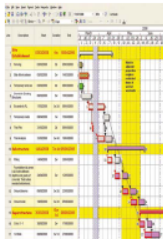


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- Take a baseline of the original project plan before work starts, as a record of what has been agreed contractually.
- As the project progresses, you can make as many baselines as you need to – e.g. on a weekly or monthly basis. The baselines are a copy of the whole project and not just key data, for example, any changes to a calendar's working time can be demonstrated. This is vital should a dispute situation arise as it means you have an accurate record of exactly what happened.



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## **Abstracts**

**FRI25 – Friday 11:00 to 12:15 Pelican 2**

### **Introduction to Oracle's Primavera P6 Enterprise Project Portfolio Management Software (repeat of THU11)**

**FRI26 – Friday 11:00 to 12:15 Peacock 1**

### **Introduction to Microsoft Project 2010 (repeat of THU13)**

**FRI27 – Friday 11:00 to 12:15 Peacock 2**

### **Deltek Open Plan Advanced Features (repeat of THU22)**

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**FRI31 – Friday 2:00 to 3:15 Swan 5**

### **David Hulett on Using integrated cost/schedule risk analysis using risk drivers to estimate overall project risk, prioritize risks and develop risk mitigations**

This session identifies how project managers can assess the level of overall risk to cost and schedule and develop prioritized risk mitigations actions to improve their chances for success. These methods are now being applied to projects in the oil and gas, construction and aerospace industries.

- Measuring overall project schedule and cost risk by using an integrated approach that simulates both cost and schedule. Cost risk is partly determined by risks to the schedule
- Modeling project risk using risk drivers that are identified in the risk register. Risk drivers are described by their probability and impact and are assigned to schedule activities
- Prioritizing the risks as they affect both time and cost while at the same time deriving the overall project cost and schedule risk result
- Developing risk mitigation actions for the high-priority risks

**FRI32 – Friday 2:00 to 3:15 Swan 6**

### **Ron Winter on Implementation of the DCMA 14 Point Test**

**Relax, the Government Has Set New Standards, and is Here to Help You.**

We can all breath easier now that the USA Government has determined a simple list of Pass/Fails checks to determine if your CPM schedule meets quality standards. Departments such as the Defense Contract Management Agency (DCMA) have created a simple checklist that they require all major Defense projects to pass. The use of this DCMA 14-Point check has now been incorporated in various analysis software packages. Literally hundreds of Federal and State construction projects are now specifying this test. All that you the Scheduler needs to do is attend the presentation of this paper and your future success is assured.

**And if your job is to review a submitted CPM - Relax - Now its so easy even a Cave Man can do it.**

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**FRI33 – Friday 2:00 to 3:15 Mockingbird 1**

### **How to Manage a Multi-Agency \$1.8 Billion Rail Bridge Design and Construction Project? Use Primavera 6 and Contract Management**

The Portal Bridge has been in operation since 1910 and runs across the Hackensack River between the cities of Kearny and Secaucus, New Jersey. This rail bridge is a vital part of the Northeast Corridor system, one of the busiest rail corridors in the nation running service between Boston, Massachusetts and Washington, D.C. The Portal Bridge Capacity Enhancement Project is being undertaken by Amtrak and NJ Transit. The project aims to improve and increase the capacity of this vital rail crossing. The preferred alternative has been selected and the project is currently in the Final Engineering and Design phase.

In February 2010 Portal Partners retained Envision through a contract to provide consulting services to implement Oracle Primavera Contract Management, Primavera 6 and Primavera 6 Web for the Portal Bridge Project. This contract includes defining and documenting project procedures using Contract Management 13, defining and documenting schedule review procedures using Primavera 6 Web, customized training for Contract Management and Primavera 6. Envision is also assisting New Jersey Transit in writing "standard" contract specifications for the use of Contract Management and Primavera 6 on all construction contracts associated with the Portal Bridge Project. Find out how Primavera 6 and Contract Management have bridged the communication gap across transit agencies to provide NJTransit with the project management system needed for this very complex project.

**FRI34 – Friday 2:00 to 3:15 Pelican 1**

### **IMPROVING MANUFACTURING PERFORMANCE WITH ORACLE PRIMAVERA P6**

Bucyrus International, Inc. is a world leader in the design and manufacture of high productivity mining equipment for the surface and underground mining industries. Bucyrus equipment is used for mining coal, copper, iron ore, oil sands, and other minerals. Recently, Bucyrus International, Inc was contracted to supply over 60 pieces of sophisticated equipment to Reliance Power for use at their mine and power plant project in Singrauli India, with over 1,000 U.S. manufacturing jobs being created by the project.

To manage the engineering, procurement, manufacturing, shipping, and site assembly of the equipment, Bucyrus is adopting Oracle Primavera P6 software and supporting processes to insure the visibility, collaboration, and coordination to deliver the project on-time and on-budget. Come hear how Catalyst, Oracle and Bucyrus are teaming together to utilize P6 functionality to revolutionize their project delivery capabilities. Mr. Scott Rowan, PgMP, SCPM, PMP of Bucyrus and Catalyst Implementation consultant Mr. Mitch Crim will present their unique application of CPM and Primavera P6 to this \$1 billion dollar project.

## **Abstracts**

**FRI35 – Friday 2:00 to 3:15 Pelican 2**

**Intro to Phoenix Project Manager (repeat of THU16)**

**FRI36 – Friday 2:00 to 3:15 Peacock 1**

**Intro to Micro Planner software (repeat of THU34)**

**FRI37 – Friday 2:00 to 3:15 Peacock 2**

**Intro to Acumen Fuse software (repeat of THU32)**

**FRI41 – Friday 3:35 to 4:50 Swan 5**

**Oracle's Primavera Risk Analysis (repeat of THU42)  
(repeat of R19)**

**FRI42– Friday 3:35 to 4:50 Swan 6**

**Mike Stone on Running a Successful Consulting Practice  
in Challenging Times**

Mike Stone has served a diverse client base in both the private and public sectors on both domestic and international projects for many years and has made money even during the difficult periods. Mike will present the strategies he has used to develop and maintain a core group of clients that produce a dependable income stream. In this session Mike will discuss the types of services clients are looking for (and willing to pay for) and how to price for those services. Mike will also lead a frank discussion on how to find, train, and retain employees as well as how to determine when a great employee might not be a great consultant. [www.cpmguru.com](http://www.cpmguru.com)

**FRI43 Friday 3:35 to 4:50 Mockingbird 1**

**Introduction to Microsoft Sharepoint**



FRI44 Friday 3:35 to 4:50 Pelican 1

### **Intro to Bentley CAD software Supercharge Your Project Performance and make Collaboration "Dynamic" with ProjectWise**

Bentley is making collaboration dynamic with ProjectWise by integrating information, software, and processes to improve Integrated Project Delivery, and you don't need to use Bentley's CAD or BIM to take advantage. Revit users want a BIM Server to manage their project data. Using ProjectWise has several Mission Critical infrastructure and management benefits which supports Revit, such as Delta File Transfer (DFT) which offers superior LAN performance over a WAN without the need to add expensive network hardware. Organizations may then develop and support a single data management platform, and Revit users will find file i/o operations and team collaboration dramatically improved by ProjectWise collaboration and network performance optimizations. Not only does it manage project files, but ProjectWise also includes a BIM Family Library manager, and file dependency manager as well.

Learn how you can:

- Manage Multi Vendor data with ProjectWise
- Drive costs down while increasing project quality through reuse of multidisciplinary information
- Eliminate errors and reduce change orders by removing process gaps and integrating project delivery using ProjectWise Navigator
- Access the right information fast and manage change reliably with bidirectional workflows to complete the feedback loop

For more information please visit [www.Bentley.com/IPD](http://www.Bentley.com/IPD)

**FRI45 – Oracle's Primavera P6 Advanced Features (repeat of THU21)**

**FRI46 - Intro to Spider Project software (repeat of THU44)**

**FRI47 - Intro to PMA Netpoint software (repeat of THU33)**





## **Abstracts**

**FRI53 Friday 4:50 to 6:00 Mockingbird 1**

### **MPUG Microsoft Project Users Group**

**FRI54 Friday 4:50 to 6:00 Pelican 1**

### **AACE Scheduling Group Meeting**

**FRI55 Friday 4:50 to 6:00 Pelican 2**

### **OPSIG Oracle Primavera Special Interest Group Network Event**

The newly formed OPSIG, under the guidance and support from Oracle Applications User Group (OAUG) and Quest International Users Group (Quest) and Oracle Primavera Global Business Unit, will hold a information and networking session for Primavera Users. This session will focus on the OPSIG Objectives, as an user run organization, providing the Oracle Primavera user communities to:

1. Share best practices and techniques within and across different user environments and communities.
2. Provide a forum for discussion and education on Oracle Primavera products, applications, and related issue.
3. Provide a forum to identify, document, and recommend enhancements to Oracle Primavera as a collective group of users.
4. Provide user sessions and meetings at the annual Oracle Users Conference, COLLABORATE, and at the annual Oracle OpenWorld conference.

Attendees to this networking session will gain an insight of the OPSIG's organization and its relationship with OAUG, Quest, and Oracle Primavera. In addition, will have an opportunity to share needs and desires for the OPSIG.

**FRI56 Friday 4:50 to 6:00 Peacock 1**

### **Planning Planet Group Meeting**



**FRI57 Friday 4:50 to 6:00 Peacock 2**

### **PMICOS SEI Group Meeting**

SAT01 Saturday 8:00 to 9:15 Swan 5

### Fred Plotnick & Jim Zack on CLAIMS

Professor Fredric L. Plotnick will present recommendations of techniques for claims analysis most likely to provide a most accurate determination of responsibility. Former Executive Director of Fluor Corporation's Claims Management Department, James G. Zack, will then present recommendations of techniques for claims analysis most likely to persuade the judge, arbitrator or fact-finder in a variety of venues in both the United States and throughout the world.

SAT02 Saturday 8:00 to 9:15 Swan 6

### Gary Humphreys on EVM

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.



Our business is built upon the foundation of your success. We are inspired every day by the desire to help you achieve your goals through our creativity and teamwork. We offer quality service, a proven technical knowledge base, and diverse industry expertise. As visionary thinkers, we are not only looking at EVMS today, but to its dynamic role in the future. Already serving some of the finest organizations in the world, we look forward to adding you to our growing client list.

### 2011 Public Seminars

<u>Earned Value Management Systems</u>	<u>Project Scheduling</u>	<u>Advanced Earned Value Management Techniques</u>
March 22 – 24, 2011 Dallas, TX	February 15 – 17, 2011 Mobile, AL	April 19 – 21, 2011 Charleston, SC
June 14 – 16, 2011 Lake Tahoe, CA	May 10 – 12, 2011 Minneapolis, MN	July 19 – 21, 2011 Lake Tahoe, CA



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[www.humphreys-assoc.com](http://www.humphreys-assoc.com)

## **Abstracts**

**SAT03 Saturday 8:00 to 9:15 Mockingbird 1**

### **Introduction to Oracle's Primavera Web Based P6 Revision 8 (Repeat of FRI12)**

**SAT04 Saturday 8:00 to 9:15 Pelican1**

### **The Technology Trap; There's No "Magic" in the Box!**

"We need new software to..." These words are routinely spoken by clients. It's easy to become fixated on out-of-the-box, plug-and-play technology. But, for most, new software is only a partial solution.

Companies purchase and "implement" Oracle Primavera software to solve business issues related to project management. However, they typically do not integrate the software's use into their processes and procedures, assign adequate administration, or adequately train staff on processes, roles, or responsibilities. As a result, high expectations for the applications are often not fully met.

This presentation will provide insight into the importance of enveloping the Primavera Project Manager application with processes, procedures, and a supportive organizational structure to achieve a complete solution. Mr. Terry Rosenbalm, Catalyst Senior Implementation Consultant will share "Best Practices" and procedures for a successful implementation of Primavera P6.

**SAT05 Saturday 8:00 to 9:15 Pelican 2**

### **Managing Los Angeles \$40 Billion Transportation Program**

For the past two decades the Los Angeles region led the nation in exponential area growth and traffic congestion. Fortunately in November 2008, residents of Los Angeles County took matters into their own hands and voted to approve Measure R. Measure R is a sales tax initiative that commits \$40 billion into traffic relief and transportation upgrades over the next thirty years.

The Measure R program is the largest investment in Los Angeles County transportation infrastructure since the 1980's and will provide an estimated 210,000 new construction jobs and boost the local economy. Because of the program's size and accountability to the public, Los Angeles County Metropolitan Transportation Authority LACMTA decided to implement an enterprise-wide web-based program management system.

This paper describes the existing system's evaluation followed by an enterprise system implementation. Challenges, successes, and lessons learned will be discussed such as system deployment, organizational obstacles, updating business processes, phased implementation, and training and support.

**SAT06 Saturday 8:00 to 9:15 Peacock 1**

### **Spider Project Enterprise**

This clinic will lead attendees from basic data entry and report generation skills in Spider Project (provided in sessions R22 and F21) to use of advanced enterprise project management features including creating and application of corporate databases and typical fragment libraries, project portfolio management tools and techniques, project prioritization and management of projects in the enterprise environment.

## Abstracts

SAT07 Saturday 8:00 to 9:15 Peacock 2

### Introduction to Asta Powerproject

(Repeat of FRI24)

SAT11 Saturday 9:35 to 10:50 Swan 5

### Panel of Attorneys on Tips for Forensic Experts

A panel of attorneys led by Mike Piscitelli of Vezina, Lawrence & Piscitelli, P.A., will provide tips for attendees on being a forensic expert in the field of construction delays and disruptions

SAT12 Saturday 9:35 to 10:50 Swan 6

### Oracle P6 Reports for All

## Vezina, Lawrence & Piscitelli, P.A.

Attorneys at Law



Vezina, Lawrence & Piscitelli, P.A. serves the construction industry throughout Florida and the eastern seaboard of the United States. The firm provides legal services on behalf of contractors, concessionaires and other public-private partnership parties, design firms, sureties, and owners. The construction practice encompasses all facets of litigation, environmental law, business law and transactions, and other legal specialties required to serve the industry

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Fort Lauderdale, Florida 33301  
Telephone: (954) 728-1270  
<http://www.vlplaw.com/>

**SAT13 Saturday 9:35 to 10:50 Mockingbird 1**

### **What do YOU want in a CPM software product?**

This is an interactive clinic session to discuss with Scheduling Consultants, Ltd., the development of a new CPM software product. Come join Aaron Harper flesh out the features you want to see in this new software under development. Follow the blog for the new software at <http://cpmsoftware.blogspot.com/> and take a brief survey to help determine focal points for the discussion.

**SAT14 Saturday 9:35 to 10:50 Pelican 1**

### **BIM-Based Schedules Using Flowline**

There is a perception in the marketplace that 4D means an animated movie of the construction sequence. Movies are a great communication vehicle, but they provide little help in managing the project if they do not have real data behind them. What is that real data? Quantities, means and methods, locations, and productivity rates.

Model-based scheduling, using Flowline, provides an active database link between the 3D model and the scheduling program which enables the user to create optimal flow of resources through a construction project. The result is an efficiently-built project, sans the usual stops and starts, overcrowding of trades in various locations, accurate activity durations based on quantities and locations, materials availability matched to location and productivity, and effective production control. The subs completely understand where they're going, what they're doing, and how quickly they need to progress. This predictability leads to better pricing, better quality, more proactive management, and a safer work environment.

During construction, the Flowline schedule can function as an early warning system. By tracking completed locations, the total quantity of work-in-place can be easily calculated. Daily reporting of total manpower on-site makes it possible to calculate actual productivity and actual production rates. These rates can be used to forecast progress and identify problems much earlier than in CPM systems. Learn how Flowline scheduling can be used as an extension of CPM to safely compress 10% out of a schedule without additional risk.

Participants will understand how to

- Derive quantities from the geometry in a BIM model
- Use those quantities in conjunction with a location breakdown structure and productivity rates from subs
- Control the schedule with on-site monitoring
- Combine the schedule and the estimate (4D and 5D BIM) to produce cost-loaded schedules and cash flow forecasts.

Presented by VICO Software.

**SAT15 Saturday 9:35 to 10:50 Pelican 2**

### **Streamlining Project Management at Lobar**

Lobar is a large General Contractor based on the Northeast. They use a number of systems in their projects including Oracle's Primavera P6 and Contract Management, Timberline Estimating, Timberline Accounting, and Microsoft Exchange. Keeping data consistent between these applications, reducing duplicate data entry, and streamlining project management is a key requirement for this fast-growing company. In 2009 they set out to integrate these different systems with the help of Partners Consulting. Come learn how they did this and how they make best use of these systems to keep the business running lean and strong.

SAT16 Saturday 9:35 to 10:50 Peacock 1

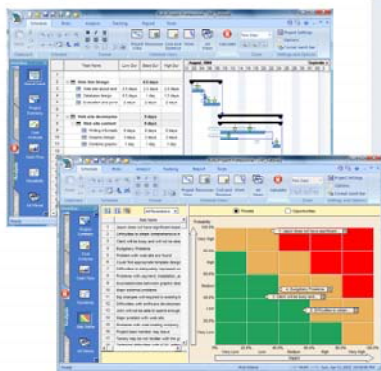
### Time-Delay Damping Activities in the LOB Scheduling

In the line of balance scheduling, the rate of production of activities is one of the most important factors which affects the completion time of activities and the project subsequently. If any undesirable delay occurs, it would influence the rest of activities completion time like a domino effect. In order to meet the project deadline, there are some ways, based on changing the production rate of activities which are costly or practically impossible. This paper suggests using a damper activity in order to reduce the risk of delay for the project completion time. The damper activity is considered to eliminate delays by applying an interruption on its progression. Therefore the damper activity starts sooner and so do its next activities. Moreover the algorithm for calculation of required number of interruptions, optimal time for applying the interruption and also duration of each interruption in the damper activity is introduced.

Presented by Dr. Gholamreza Heravi and Mohammad Amini of the University of Tehran

SAT17 Saturday 9:35 to 10:50 Peacock 2

available



#### RiskyProject

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

Project scheduling with risks and uncertainties  
Risk Register: threats, opportunities, and issues  
Monte Carlo schedule analysis  
Probabilistic cash flow analysis  
Risk mitigation analysis, waterfall charts  
Integration with Microsoft® Project and Primavera®  
Sensitivity Analysis: critical risks and crucial tasks  
Risk correlations  
Probabilistic and conditional branching  
Probabilistic calendars  
Risk probability vs. impact matrix  
... and more

#### Intaver Institute Inc.

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Calgary Office: (403) 692-2252

SAT21 Saturday 11:00 to 12:15 Swan 5

### Attorneys Prepare for the Mock Trial

While the Mock Trial is theatre, the preparation required for a trial is real. Daniel D. McMillan and Jeffrey B. Kirzner of Jones Day, the attorneys who will be featured in the Mock Trial, will explain the preparation required for trial of a complex construction dispute. They will discuss the roles of testifying experts, consultants and jobsite staff, factual investigation and development, common pitfalls made by owners and contractors and trial strategy. They will also discuss alternative forms of dispute resolution used in the construction industry, such as arbitration, mediation and disputes review boards, and how these alternatives differ from traditional litigation when preparing or defending complex claims and disputes..

**SAT22 Saturday 11:00 to 12:15 Swan 6**

### **Oracle's Primavera P6 Tips & Tricks**

This favorite of sessions for experienced Primavera P6 users will explore tips and tricks that have been discovered by or reported to the Oracle team responsible for this product.

**SAT23 Saturday 11:00 to 12:15 Mockingbird 1**

### **11 Steps to Controlling Project Costs EVM from Project Start to Finish (Presented by Hard Dollar)**

More than 50% of all projects vary in planned costs from +15%/15%-. The proper cost budgeting and execution management of projects costs throughout the budget and progress measurement stages are key in preventing cost overruns. This valuable presentation will walk through the stages of EVM guidelines including defining a detailed plan using a WBS (Work Breakdown Structure), Scheduling, Developing a Baseline, Controlling Risk, Forecast Costs at Completion, through Controlling Changes, resulting in improved cost accuracy and faster project execution times.

**SAT24 Saturday 11:00 to 12:15 Pelican 1**

### **BIM: Transparency and Information Sharing Enhances Project Schedule Management**

In 2005, Buric posed the rhetorical question, "Does sharing project data create claims?" and discussed survey results on how sharing of information actually helps to avoid claims and improve projects. Since the time of Buric's 2005 industry survey regarding the sharing of project data amongst project stakeholders, Building Information Modeling (BIM), a then relatively new process, has taken an increasingly more prevalent foothold in the industry. BIM models produce a wealth of data rich information. Capturing and using this data rich information in conjunction with detailed CPM Schedules provides a unique opportunity to implement an effective project management tool in a transparent, collaborative and committed environment. This openness and transparency promotes a team approach to addressing project related issues in "real time" along with sharing in the risks and rewards while implementing integrated solutions. The open communication and exchange of this data through a Team BIM Approach will generate more informed decisions by the project's stakeholders. As the industry embraces the evolving capabilities and knowledge of BIM, it should also be embracing this revolutionary development of transparency that is required for project success. This session will explain how BIM model information combined with a comprehensive CPM Scheduling program will create open communication and a team approach, increasing the odds for project success and helping to minimize claims and disputes.

**Presented by Mark M. Seifried PE and Brian J. Stewart of Buric Consultants**  
mseifried@buric.com (440) 247-3700.

**SAT25 Saturday 11:00 to 12:15 Pelican 2**

### **Project Controls for the Life of a Major Rail Project**

This session will discuss how to develop the program controls for two large light rail projects, with an anticipated total \$2B construction budget. The proposed Red Line (\$1B) is a 14 mile, east-west Light Rail Transit (LRT) line in the City of Baltimore that runs mostly as a dedicated surface transitway in the median of existing roads with some tunneling. Construction is proposed to begin in 2013. The Purple Line (\$1B) is a proposed 16-mile light rail line that would provide a direct connection to the Metrorail, MARC, AMTRAK, and local bus services in Maryland's Washington DC suburbs. It will operate mainly in dedicated or exclusive lanes, allowing for fast, reliable transit operations. Twenty-one initial station locations have been identified with additional stations under consideration. Construction is proposed to begin in 2013.

Led by Vance Tsiamis, PE, CCM, PSP, the session will educate the group on how to develop a master schedule for the entire program and how to establish programmatic formats for others to follow in the later design and construction phases. The speaker will describe certain deliverables that are produced from these program controls, such as reports that capture actual versus budgeted costs. The speaker will describe his experience in developing business practices in transportation agencies, including the most appropriate software tools for their program needs. Details of this technical session include the design of a master schedule that allows for efficient use of "what if" scenarios.

**SAT26 Saturday 11:00 to 12:15 Peacock 1**

### **ADM v PDM - Micro Planner is Versatile in Both**

Comparing Precedence Diagrams (PDM) with Arrow Diagrams (ADM) and Problem of Lag Drag in Precedence.

**SAT27 Saturday 11:00 to 12:15 Peacock 2**

### **Applying Best Practices for Accurate Project Cost Management**

Please join Rusty Hamilton, Account Manager, ARES Corporation, who has over 20 years of Project Management, Estimating, Scheduling and Document Controls in Heavy Highway, Electrical, and General Construction. In this presentation, Rusty will provide an overview and step-by-step instructions around the complete budgeting process. Attendees will learn the best practices for the development of a budget as well as the tracking processes required to meet cost goals for project and program work. Topics that will be addressed in his presentation include WBS Levels: Control Accounts, Work Packages, Planning Packages; Baseline Budgets; and elements of an Earned Value Baseline.

In this session, you will learn how to create control points required for cost summarization, variance analysis and reporting, responsibility, scope and corrective action plans. He will introduce earned value management and the key criteria required to successfully and repeatedly measure cost and schedule performance and overall project productivity. Rusty will share with you the two common methods for developing the baseline: Cost Loaded Schedules and Time-phased Budgets. He will discuss the development of each method, how to maintain and manage each method and conclude with the pros and cons for each method.

Presenter: Rusty Hamilton, Account Manager, ARES Corporation 317-446-7440  
rhamilton@arescorporation.com



## Abstracts

SAT30 Saturday 12:45 to 2:30 Swan 5 & 6

### Mock Trial Luncheon Theatre

Judge Marshall's court is again in session for this year's Mock Trial presentation. So pick up your box lunch, be seated, and enjoy the show! Judge Marshall will teach the LAW. Two attorneys, renowned 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!).

### Luncheon Theatre Courtesy of

**mc2 Legal, PLLC**  
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## MOCK TRIAL LUNCHEON THEATRE CONSTRUCTION CPM CONFERENCE JANUARY 15 2011

**But What I Meant To Say ...**

**JONES  
DAY.**

## **Abstracts**

**SAT33 Saturday 12:45 to 1:20 Mockingbird 1**

### **Oracle's Primavera P6 System Administrator Tips & Tricks**

This session is devoted to System Administrators responsible for maintaining an Oracle's Primavera P6 implementation for ten to thousands of users.

**SAT34 Saturday 12:45 to 1:20 Pelican 1**

### **Intro to Deltek COBRA**

**SAT35 Saturday 12:45 to 1:20 Pelican 2**

### **Conference Exam Prep Course**

**SAT36 Saturday 12:45 to 1:20 Peacock 1**

### **Integrated Project Plan (IPP) Best Practices**

Integrated Project Plans play a central role in the success of construction and capital projects. Discover the many options for integrating cost systems, ERP data, supplier systems, work systems, reporting systems, and more. Leverage systems like Primavera, MS Project, SAP, Maximo, MS Excel, and more.

Many companies use multiple integration scenarios when implemented can lead to the success of your company. In this session we will show you how our products help to streamline your business process and improve communications and reduce scheduling miscommunications through our integrated project plan. By integrating your construction and capital projects you can save time on data entry and optimize performance with reduced mistakes and errors. With integrated project information you can make better business decisions and have a clear view at all times of project status and history. Benefits include:

- Reduce project risk
- Better schedule adherence
- Reduced schedule variation
- Improved costs

Also, learn how to leverage your Integrated Project Plan for advanced reporting using composite data from multiple key business systems. Overcome common project reporting problems and learn tips, tricks, and tools for project reporting best practices.

**SAT37 Saturday 12:45 to 1:20 Peacock 2**

### **Practical Use of Earned Value for Real-time Forecast and Control**

Please join Rusty Hamilton, Account Manager, ARES Corporation, who has over 20 years of Project Management, Estimating, Scheduling and Document Controls in Heavy Highway, Electrical, and General Construction. This presentation will discuss the fundamentals of earned value (EV) management, best practices applied and the return on investment achieved when applying EV as a management tool. In this session, you will leave with practical application of EV and learn how to apply subjective methods for progressing work, measure earned value, analyze data, and forecast project completion costs. Presenter: Rusty Hamilton, Account Manager, ARES Corporation 317-446-7440 [rhamilton@arescorporation.com](mailto:rhamilton@arescorporation.com)

# Pipeline Software Inc.

- Your SAP integrated project solutions experts
- Packaged SAP-Primavera/MSP integration

**Visit us at Table #2**

**and during our session:**

**Integrated Project Plan (IPP) Best Practices**



**Thank you Fred!**

For putting the CPM conference together.  
Excellent idea and excellent program!  
And especially for all the hard work to  
make it happen.

Paul Levin

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- [projectcontrols.com](http://projectcontrols.com)
- [greenbuildinginsider.com](http://greenbuildinginsider.com)
- [constructionadvisortoday.com](http://constructionadvisortoday.com)

**SAT43 Saturday 1:40 to 2:30 Mockingbird 1**

### **Oracle's Primavera Contract Manager System Administrator Tips & Tricks**

This session is devoted to System Administrators responsible for maintaining an Oracle's Primavera Contract Manager implementation for ten to thousands of users.

**SAT44 Saturday 1:40 to 2:30 Pelican 1**

### **Oracle AutoVue and Primavera**

Oracle AutoVue allows document viewing, annotation, and team collaboration capabilities on all types of documents in a secure environment. AutoVue supports the Primavera project management environment with the ability to access drawing and document files linked to the Primavera project management system. The speaker will provide an overview of the Oracle AutoVue tool and will illustrate AutoVue's main features, viewing and analyzing business, 2D and 3D CAD documents, digital annotations and real - time collaboration. A video demonstration will illustrate the benefits of integrating AutoVue and Primavera.

Presented by Arthur Napurano of DRMcNatty & Associates, Inc.

**SAT45 Saturday 1:40 to 2:30 Pelican 2**

### **Construction CPM Conference Exam**

**SAT46 Saturday 1:40 to 2:30 Peacock 1**

### **Innovations in Program Controls Integrating Scheduling and Cost Processes and Systems**

EcoSys summarizes steps organizations are taking to integrate their Scheduling and Cost Management processes and systems. Case studies from contractors and owners in the oil and gas, utilities and rail sectors will demonstrate how organizations have succeeded at integrating long range planning and fiscal year budgeting with scheduling, budgeting and program controls processes. The single end-to-end process across multiple organizations manages funds, budgets, forecasts, commitments, and earned value--resulting in a secure enterprise database that provides transparency for internal and external stakeholders into long-term and near-term plans and performance

**SAT47 Saturday 1:40 to 2:30 Peacock 2**

### **Intro to Oracle Business Tools**

The Oracle logo is displayed in a large, bold, red, sans-serif font. The word "ORACLE" is followed by a registered trademark symbol (®). The letters are thick and blocky, with a slight shadow or 3D effect.

## **Abstracts**

### **SAT50 Saturday 2:30 to 3:45 Swan 7 to 10 – Lunch & Break Area Oracle Primavera User Forum**

Attendee users of Oracle Primavera solutions will have the opportunity to mingle with Oracle/Primavera employees and each other to discuss common issues, exchange contact information, and schedule post conference opportunities to continue to learn how to get the most from the software. Light refreshment will be provided courtesy of Oracle.

### **SAT51 Saturday 2:30 to 3:45 Swan 5 & 6 Mock Trial Recap by Judge John Marshall**

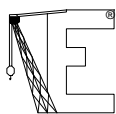
The trial is over. Features of software were demonstrated. Competing styles of Expert Witnesses were observed. But now Judge Marshall will discuss what lessons of LAW and lessons of the LEGAL PROCESS we should take home from this theatrical performance.

### **SAT53 Saturday 2:30 to 3:45 Mockingbird 1 Conference Exam Deltek Open Plan User Forum**

Attendee users of Open Plan may mingle with Deltek employees and each other to discuss common issues, exchange contact information, and schedule post conference opportunities to continue to learn how to get the most from the software. Light refreshment will be provided courtesy of Deltek.

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## **Claims of Delay or Disruption? We Wrote the Book**



# **EnProMaC**

**Engineering & Property  
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## Abstracts

**SAT54 Saturday 2:30 to 3:45 Pelican 1**

### **ASTA Powerproject User Forum**

Attendee users of ASTA Powerproject may mingle with ASTA employees and each other to discuss common issues, exchange contact information, and schedule post conference opportunities to continue to learn how to get the most from the software. Light refreshment will be provided courtesy of ASTA.

**SAT55 Saturday 2:30 to 3:45 Pelican 2**

### **Microsoft Project 2010 User Forum**

Attendee users of Microsoft Project 2003, 2007 and 2010 products may mingle with Microsoft employees and each other to discuss common issues, exchange contact information, and schedule post conference opportunities to continue to learn how to get the most from the software. Light refreshment will be provided courtesy of Microsoft.

**SAT56 Saturday 2:30 to 3:45 Peacock 1**

### **Phoenix Project Manager User Forum**

Attendee users of Phoenix Project Manager may mingle with PPM employees and each other to discuss common issues, exchange contact information, and schedule post conference opportunities to continue to learn how to get the most from the software. Light refreshment will be provided courtesy of PPM.

**SAT57 Saturday 2:30 to 3:45 Peacock 2**

### **SEI Midyear Business Meeting**

Attendees who are members of the PMICOS Schedule Excellence Initiative, or who would like to join SEI, may mingle with SEI officers and each other to discuss common issues, exchange contact information, and schedule post conference opportunities to continue to develop and promulgate industry best practices. Light refreshment will be provided courtesy of PMI (subject to approval of PMI).

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***** Maximum CLER *****
* 8.00 GENERAL CLER CREDITS, INCLUDING .00 ETHICS *
* .00 PROFESSIONALISM .00 SUBSTANCE ABUSE .00 MENTAL ILLNESS AWARENESS*
*****

***** Maximum Certification *****
* 8.00 CONSTRUCTION LAW *
*****

***** Approved Locations *****
1/15/2011 ORLANDO, FLA
*
* Presentation Approval Period 1/15/2011 To 7/15/2012 LVL INTERMEDIATE *
* Audio/Video Approval Period 1/15/2011 To 7/15/2012 *
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**Thanks to all of the conference  
attendees for your attendance  
and participation in our first  
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Mike Stone, PMP, PSP**



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