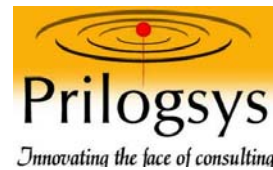


The 2010 Spring Symposium

"A New Tradition"

Sponsored by:



March 12-14, 2010 at the Palm Springs Spa and Casino

Presented by the Southern California and South Central California AACEI Sections

Agenda - Friday, March 12th

1:00 – 4:30 PM	<p><u>Certification Review Session</u></p> <p>This session will be free for all registrants.</p> <p>Classes will be held in the Cahuilla East and West classrooms adjacent to the pool.</p>	
	<p>Certified Cost Engineer / Certified Cost Consultant (CCE/CCC) Review:</p> <p>Bryan Payne, P.E. CCE, CFCC – Assistant Director, Capital Program Management, Southern California Regional Rail Authority</p> <p>Basic information on requirements for the certification exam, engineering economics, writing the professional paper, and study materials.</p>	<p>Planning and Scheduling Professional (PSP) Review:</p> <p>Logan Anjaneyulu, PMP, CCE, PSP, CEP Principal of Prilogsys, LLC.</p> <p>Basic information on requirements for the certification examination, overview of examination elements, and study materials. Sample question review and tips on writing the memorandum.</p>

President's Reception

6:00 – 8:00 PM

Reception and Registration to be held at the Pool Bar

A reception will be held with cocktails and hors d'oeuvres.
 Guests are welcome. (No host bar)

Special Thanks for event organizers:

AACEI Section Officers

Southern California Section Office	Name
President	Tom Ross, LEED PSP, CCC
Past President	Ghulam Shaikh, PE, PMP
Vice President	Erin Dunavant
Secretary	Josh West, PSP
Treasurer	Jaimin Mehta, CCE, PSP
Events Coordinator	Logan Anjaneyulu, CCE, CEP, PSP, PMP
Spring Symposium Coordinator	Ishwar Gurung, CCE, PSP
Certification Chair	Bryan Payne, PE, CCE, CFCC
Website Editor	Joshua Curb
Director at Large	Julie Owen, CCC, PSP
Membership Chair	Claire Quinto
Newsletter Editor	Armen Amijanian, PSP
Scholarship & Student Outreach Chair	Feng Shen, PSP
Section Marketing Chair	Chiang (Charles) Hu, PSP, CCE
Awards & Elections Chair	John Matsumoto, PSP

South Central California Section Office	Name
President	Melvin Earley
Past President	Walt Jazwa
Secretary	Angus McGill
Treasurer	Drew Tasker

Agenda - Saturday, March 13th

7:00-8:00 AM

Breakfast and Registration on the Canyon Conference Center.

8:00-9:30 AM	<p><u>Welcome and Introductions Held in the Canyon Conference Center.</u></p> <p>Tom Ross CCC, PSP, LEEDAP Southern California AACEI Section President and <i>Parsons</i> Senior Project Controls Manager</p> <p><u>Key Note Speaker: "State of the Association"</u></p> <p>Mark Grotefend, CCC AACE International President</p>
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Cahuilla West meeting room

Cahuilla East meeting room

Morning

	Scheduling/Claims	Cost Engineering/Estimating/Earned Value
10:00-10:50	<p><u>Managing Los Angeles \$40 Billion Transportation Program with P6:</u> Brian Criss Practice Lead of <i>DRMcNatty & Associates</i> and Julie Owen, PSP, CCC LA Metro Project Control Supervisor</p>	<p><u>The True Cost of Going Green:</u> Dave McNamara, LEED AP Vice President and Sustainability Lead of <i>Faithful and Gould</i></p>
10:50-11:00	Break	
11:00-11:50	<p><u>Options for Managing P6 Master Schedules:</u> Don McNatty, CEO of <i>DRMcNatty & Associates</i></p>	<p><u>Earned Value Management (EVM) – From the Ground Up):</u> Ken Cressman, CCC, EVP, PMP AACE International Vice President TEC, <i>Environmental Chemical Corp.</i></p>

12:00-1:00 PM

Lunch is served in the Canyon Conference Center

Afternoon

	Scheduling/Claims Track	Cost Engineering/Estimating/Earned Value
1:00 – 1:50	<p><u>RP Hits a Nerve: Claims Analysis Creates More Simmering Discussion:</u> Kenji Hoshino, PSP CFCC Principal of <i>Project Controls and Forensics</i></p>	<p><u>Performance Metrics Based Upon a Forecast Variance – A Case Study:</u> Logan Anjaneyulu Principal of <i>Prilogsys, LLC</i></p>
1:50-2:00	Break	
2:00 – 2:50	<p><u>Forensic Schedule Analysis Techniques: Unveiling the Mystery</u> Anamaria Popescu, PhD, PE, PMP, President of <i>CPM Consulting, Inc.</i></p>	<p><u>Change is the Only Constant:</u> Alexia Nalewaik CCE, MRICS Principal of <i>QS Requin Corporation</i></p>
2:50-3:10	Coffee Break	
3:10 – 4:00	<p><u>Integrating Hard Dollar with P6:</u> Eric Costantino, DR McNatty and Associates</p>	<p><u>Estimating – A Practical Exercise:</u> Mick Hiller, PSP Chief Estimator of <i>Brinderson</i></p>
4:00 - 4:10	Break	
4:10 – 5:00	<p><u>Enterprise Reporting in Primavera, P6:</u> Ben Lee, of DRMcNatty & Associates</p>	<p><u>ECI – The Future of EVM in Defense</u> Michael Nosbisch, PSP, CCC AACE International Vice President of Regions and Vice President of SM&A</p>

Evening





6:00-8:00 PM

Evening appetizer social reception in the Canyon Conference Center with Open Bar. Guests are welcome.

Agenda - Sunday, March 14th

7:00-8:00 AM

Buffet Breakfast in the Cahuilla room

8:00 – 8:30		<u>Key Note Speaker: Palm Springs Master Planning</u> Craig Ewing, AICP Director of Planning Services <i>City of Palm Springs</i>
8:30 – 8:40		Break
Technological Innovations and Software Solutions Showcase (Held in the Cahuilla room)		
8:40 – 9:30		<u>The Reality of BIM Estimating from Design to Construction:</u> George Aucamp Construction Manager of <i>Faithful and Gould</i>
9:30 – 9:40		Break
9:40 – 10:30		<u>Drawing Collaboration Using Oracle Autovue:</u> Arthur Napurano of DR McNatty and Associates for <i>Oracle</i>
10:30 – 10:40		Break
10:40 – 11:30		<u>Keep Budgets and Schedules in Synch with Hard Dollar and Primavera:</u> Bradley Barth , Senior Vice President Product Marketing for <i>Hard Dollar</i>
11:30 – 11:40		Break
11:40 – 12:30		<u>Bridging the Gap - Integrating Capital Planning with Project Controls Processes at Public Transportation Agencies:</u> Chris Bergerud, PMP Executive Vice President for <i>EcoSys</i>
12:30 – 01:00	Great Giveaway	Tom Ross Southern California AACEI Section President Join us for our closing remarks and great giveaway of prizes.
Adjourn		

Key Note Address

Saturday, Time: 8:30 AM– 9:30AM



Key Note Speaker: "State of the Association"
Mark Grotefend, CCC AACE International President

Mr. Grotefend will discuss the value of AACE International to its members and the cost engineering industry. He will discuss recent changes in the association's strategic plan which emphasizes more on providing value to its members. Additionally, Mr. Grotefend will also discuss recent happenings at the association and upcoming events and potential improvement and upgrades to the association.

Mr. Mark Grotefend, CCC is the President of AACE International for session 2009-2010 and is a project controls professional with over twenty eight years experience in design, design-build, construction management services and consulting on both cost reimbursable and fixed price projects. He has extensive knowledge in cost and schedule management, change management and earned value productivity analysis. He has project controls experience in transportation, semiconductor (hi-tech), environmental, petrochemical, aerospace/defense, pulp and paper, and water and wastewater industries. Mr. Grotefend has twenty years of supervisory and management experience and ten years of leadership at local and international level in the Association for the Advancement of Cost Engineering (AACE) International.

Track: Scheduling/Claims

Saturday, Time: 10:00 AM– 10:50AM



Managing Los Angeles \$40 Billion Transportation Program with P6:
Brian Criss Practice Lead of *DRMcNatty & Associates* and
Julie Owen, PSP, CCC LACMTA Project Control Supervisor

The Measure R program is the largest investment in LA 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, LACMTA decided to implement an enterprise-wide web-based program management system. This presentation describes the existing project controls 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.

Brian Criss has nine years of experience in planning, scheduling and estimating for various construction projects using Primavera software. He has assisted clients in the coordination, scheduling, cost control, and execution of projects using Primavera products. Mr. Criss has a strong construction background and works with scheduling projects from preliminary design phase to completion.

Julie Owen PSP CCC, has over twenty years of experience in project management, project control, cost engineering, scheduling, contract administration and schedule delay claim analysis. Julie currently manages the Primavera P6 implementation for the LA Metro Measure R program. Julie is past president of the Southern California section of AACE International and currently serves as Director of Region 6 (Western US).

Track: Scheduling/Claims

Saturday, Time: 11:00 AM– 11:50AM



Options for Managing P6 Master Schedules:
Don McNatty, CEO of *DRMcNatty & Associates*

This presentation will discuss several deployment options in use by various clients and their issues/successes in meeting their goals of incorporating sub-tier schedules/schedule updates into a Master schedule.

Don McNatty has forty years of construction and project management experience as a consultant, contractor, chief estimator, construction manager and project manager. For over thirty years he has been designing and implementing automated project control, estimating and costing systems in a wide variety of environments. Mr. McNatty regularly presents on project control system automation, "best practice" processes for project controls and the impact of emerging technologies on how projects are managed. He is a Primavera Certified Trainer and Consultant and regularly designs the application of technology solutions to project management business issues.

Track: Scheduling/Claims

Saturday, Time: 01:00 PM– 01:50PM



RP Hits a Nerve: Claims Analysis Creates More Simmering Discussion:
Kenji Hoshino, PSP, CFCC Principal of *Project Controls and Forensics*

AACE's Recommended Practice (29R-03) for Forensic Schedule Analysis continues to gain support and traction as well as controversy. The principal author and the project manager of the RP outlines the state of this ground-breaking document and focuses on the current controversy.

Kenji P. Hoshino, PSP, CFCC has over twenty seven years of private consulting law practice for forensic scheduling. He is Principal and founder of Project Controls & Forensics, LLC. Mr. Hoshino has a BA in Architecture from UC Berkeley, a MS in Construction Management & Engineering from UC Berkeley A law degree from UC Berkeley
Mr. Hoshino is a internationally recognized expert in forensic scheduling and was the principal author in developing the ground breaking document entitled AACE's Recommended Practice (29R-03) for Forensic Schedule Analysis for AACE International.

Track: Scheduling/Claims

Saturday, Time: 01:00 PM– 01:50PM



Forensic Schedule Analysis Techniques: Unveiling the Mystery
Anamaria Popescu, PhD, PE, PMP, President of *CPM Consulting, Inc.*

Forensic schedule analysis is a fascinating subculture where many different delay analysis techniques can be used. Each schedule analysis technique has its purpose based on the numerous variables that comprise a construction claim. This lecture will give participants a taste of the different schedule delay methodologies that are currently being applied by the claims industry using the Forensic Schedule Analysis RP 29R-03 as a guide. The structure of the RP itself will be discussed as well as the classification system of the analysis techniques. When possible, a graphical representation of the methods will be given. In addition, the lecture will focus on factors to consider when selecting a method. This lecture is not intended to promote one method over the other, merely to give the user an understanding of the blend of art and science that is schedule analysis.

Dr. Anamaria Popescu, PE, PMP is the President of CPM Consulting Inc., and a licensed Professional Engineer in the state of Texas with over sixteen years of international experience in schedule and cost analysis, productivity analysis, expert witness testimony and report development, claims preparation and defense, project contracts evaluation and development, project audits, planning, scheduling and cost control. Her international experience spans multiple industries including transportation, power plants, alternative energy, pipelines, petrochemical, water, telecommunication, and commercial building construction. She has performed project management and project controls services for projects ranging from \$500,000 up to \$2 billion in value and prepared and analyzed complex schedules to identify delays, apportion delay responsibility, and support entitlement to time extensions on large construction disputes. She is a nationally recognized expert in the forensic scheduling analysis arena and was part of the committee who developed the Forensic Schedule Analysis RP for AACE International.

Track: Scheduling/Claims

Saturday, Time: 03:10 PM– 04:00PM



Integrating Hard Dollar with P6:
Eric Costantino, DR McNatty and Associates

In a Design-bid-build environment, having a suite of integrated applications greatly maximizes project controls throughout the projects lifecycle. It begins by importing a 3-Dimensional model of your project into Synchro Software. Once imported, the team can begin planning and preparing a Work Breakdown Structure (WBS) for the execution of the project based on the 3D Model. This could also be done in Hard Dollar by creating a Cost Breakdown Structure (CBS) which is then mapped into a WBS when synchronized with Primavera P6. In P6 the project scheduler can add and refine the logic between the activities and import the finalized schedule back into the 4-D model in Synchro. When this is accomplished, the Project's Team can begin to create the ties to/from the scheduled activities to the 3-D Objects. As each scheduled task is updated or completed, Synchro's 3D window will show the status of each object until the sequence of construction is completed. Having the applications communicate through a centralized database allows for continuous/sequential communication between stakeholders at each update period.

Eric Costantino has over six years of experience in electrical design and cost estimating for various projects. He has assisted clients in developing and analyzing construction costs. Mr. Costantino has a strong design and construction background and works on projects from preliminary design phase to completion.

Track: Scheduling/Claims

Saturday, Time: 04:10 PM– 05:00PM



Enterprise Reporting in Primavera, P6:
Ben Lee, of DRMcNatty & Associates

Obtaining clear and understandable reports from your applications are a key element of effective Project Management. This presentation will provide a walkthrough of reporting methods that are available for Primavera Enterprise Products. Additional discussion and examples will include 3rd party reporting tools to combine data between Primavera and other enterprise data sources such as Accounting/Finance systems.

Ben Lee has over nine years of experience in ERP system implementations and over twelve years of experience in building customized database solutions. Along with system design and configuration, he has provided user training and created accompanying documentation throughout the software product life cycle. He has worked in a variety of environments from legacy MRP systems, user-interactive desktop solutions to company-wide SAP integration. He has also worked with and is associated with numerous industries including Technology/Semiconductors, Contract Manufacturing, Banking and Insurance. In the Primavera environment, Mr. Lee has used SQL Reporting Services to create interactive report output using P6 (Project Management) databases. He has designed an Expedition API solution for creating Expedition/Contract Manager projects and populating them using data from another source.

Track: Cost Engineering/Estimating/Earned Value

Saturday, Time: 10:00 AM– 10:50AM



The True Cost of Going Green:

Dave McNamara, LEED AP Vice President and Sustainability Lead of *Faithful and Gould*

High Performance building. Green Building. LEED. Embracing concepts of LEED, but not going through the actual certifications. We have all by now heard the pledges and promises. Our designers are full time on board with Sustainability - even though some of our clients are not there yet. Sustainability is supposed to be a balance of people, planet and profit - the triple bottom line. But have our project owners been able to quantify the costs and benefits? This panel presentation will reiterate some of the more commonly published benefits. and how owners include those benefits to justify the cost.

We will reiterate the commonly touted benefits of high performance buildings (improved health, reduced energy cost, more durable material). We will then discuss if owners views coincide with the published benefits. One objective is to see if the owners utilize the intangible benefits in their proforma calculations to justify the project costs, or if they only use hard construction vs operating costs.

Dave McNamara is a VP and Sustainability lead, based in the Houston office of Faithful+Gould, one of the world's leading construction consulting services firms. Dave has expertise in cost management, conceptual cost estimating, claims review, risk analysis, auditing, and value engineering. Dave earned a degree in Architecture from the University of Florida and an MBA from Texas A&M University. Dave is a LEED AP, Certified Construction Manager, a Certified Building Contractor; and an Associate Value Specialist. Most recently, Dave was appointed Corporate Director of Sustainability initiatives within Faithful+Gould in the USA. His focus on renewable resources, reducing carbon footprints and the environmental impact of new construction support the firm's sustainability related services of whole life value, carbon management, energy efficiency and sustainability; services which are now vital considerations in the construction and property management industry. He trained in London with our Carbon group learning about Carbon Critical initiatives in the UK and their rigorous BREEAM certification system.

Track: Cost Engineering/Estimating/Earned Value

Saturday, Time: 11:00 AM– 11:50AM



Earned Value Management (EVM) – From the Ground Up):

Ken Cressman, CCC, EVM, PMP AACE International Vice President TEC, *Environmental Chemical Corp.*

What is this thing called Earned Value Management (EVM)? There seems to be quite a bit of discussion within AACE, International, as well as on virtual communities such as LinkedIn®, on how to answer this question. Other topics being discussed and debated include:

- 1.) Does EVM apply to commercial projects?
- 2.) Do I really have to follow the ANSI/EIA-748B standard?
- 3.) How can I get certified in using EVM?

EVM must be built from the ground up, at an early enough stage in the project life cycle, in order to have a meaningful and usable system, providing meaningful and usable data. This session will focus on the building blocks of developing and implementing EVM, in the real world, no matter what type of project. The session will cover the following topics, in order to serve as a good introduction and foundation for EVM:

- I. Introduction to Earned Value Management (EVM)
- II. Measuring Performance-An Overview
- III. Organization of the Work-The Work Breakdown Structure (WBS)
- IV. Planning, Scheduling and Budgeting
- V. Summary of EVM

Ken Cressman CCC EVP PMP has over thirty years of experience in Project Management and Project Controls, in a variety of industries. These industries include Environmental, Aircraft and Spacecraft, Water/Wastewater Treatment, Engineering/Procurement/Construction, Design-Build, Oil & Gas, Information Security and Mining. He has worked on both government (DoD, DOE, NPS, NSF) and commercial programs/projects, ranging in size from \$50,000 to over \$2 billion. He participated in a successful Earned Value Management System (EVMS) demonstration for the Air Force while with McDonnell-Douglas (now Boeing) for the Delta Rocket program. In addition, Mr. Cressman has participated in EVMS system and cost estimate reviews for the DOE Independent Cost Estimating (ICE) organization. These reviews were located at Hanford Nuclear Facility, INEL, Rocky Flats, Savannah River and Y-12.

Track: Cost Engineering/Estimating/Earned Value

Saturday, Time: 01:00 PM– 01:50PM



Performance Metrics Based Upon a Forecast Variance – A Case Study:
Logan Anjaneyulu, CCE, PSP, CEP, PMP Principal of *Prilogsys, LLC*

In order meet the compliance expectations set forth by the post-Enron standards, organizations geared up to implement some serious performance metric systems to monitor and control the way money is planned, spent, tracked and reported. One of the significant components of such an internal control metric system is forecast variance. Forecast what you want to spend, and account for what you have spent. The purpose of this article is to briefly outline the importance of forecast variance as an internal control performance metric, and explain to the cost engineering community the steps involved in achieving best forecast variance results with a case study. In relevance to authors primary involvement with the oil and gas industry, the capital programs presented in this article are primarily from this industry. Oil and gas industries soaring capital expenditures in recent years make this article more significant.

Logan Anjaneyulu is Principal of Prilogsys, an Engineering Management Consulting firm specializing in the areas of Project Controls and Project Management offering services to Energy, Oil and Gas Industry. He currently works as Project Controls Manager, specializing in Cost Controls and Schedule Controls for Valero Energy Corporation (Wilmington Refinery) managing project controls efforts on a \$100 plus Million a year combined Capital, Venture, and Maintenance Budgets. Logan is an accomplished project controls trainer and also teaches scheduling on behalf of the AACE International Education Board.

Track: Cost Engineering/Estimating/Earned Value

Saturday, Time: 02:00 PM– 02:50PM



Change is the Only Constant:
Alexia Nalewaik CCE, MRICS Principal of *QS Requin Corporation*

It is change, continuing change, inevitable change that is the dominant factor in society today. No sensible decision can be made any longer without taking into account not only the world as it is, but the world as it will be.

Scientists (Isaac Asimov), numerous philosophers (Heraclitus), and project managers have long tackled the concept of change. Yet, changes remain the most common source of disagreement during the course of construction. This paper discusses change management as an organizational objective, with a focus on trend analysis, risk evaluation, contingency management, and reporting as tools to lessen impacts to the scope, schedule, quality and cost of the project.

Alexia Nalewaik, CCE, MRICS is Principal of QS Requin Corporation and currently serves as AACE International Vice President of Administration. She is a quantity surveyor with over eighteen years of broad construction industry experience in management consultancy and cost controls. Industries served include manufacturing (food & beverage, pharmaceutical, petrochemical, semiconductor), healthcare, higher education, and laboratories (DOE). She works as a trusted advisor and change agent, relying upon her understanding and knowledge of clients' business environment and operations, and the circumstances and drivers that influence their decision making regarding capital projects. Specialties include cost management, claims, owner's representative services, contract administration, audit, risk analysis, and capital project delivery best practices. a Certified Cost Consultant (CCC) and a Planning and Scheduling Professional (PSP) with AACE International.

Track: Cost Engineering/Estimating/Earned Value

Saturday, Time: 03:10 PM– 04:00PM



Estimating – A Practical Exercise:
Mick Hiller, PSP Chief Estimator of *Brinderson*

Clients must select the best way to spend their limited capital and keep control of the project. A good project sets clear goals including a reasonable cost. Poorly run projects may acquire a right to exist and become a self fulfilling prophecy, the client usually gets what he pays for but not what he needs. The estimator has a role to play in this process and can utilize a variety of techniques to help the client select the best project to execute. Then support the project team to define the scope, and attain the client's goals. We will discuss the gate process and some of the estimating techniques that can be used.

Mick Hiller, Civil Engineer, BSc. AMICE, PSP first spent fifteen years in the field as a field engineer, scheduler and project manager. He has worked in: Spain, South Africa, Great Britain and The United States on projects that have included waste water plants, TV. assembly lines, 185,000t oil tanker assembly lines, coal mining, coal and geothermal power, gold mining and oil refining. He then transitioned into estimating on a full time basis and has spent the last 10 years as Chief Estimator for Brinderson. Brinderson undertakes a variety of projects primarily in the oil industry and alternative energy markets.

Track: Cost Engineering/Estimating/Earned Value

Saturday, Time: 04:10 PM– 05:00PM



ECI - The Future of EVM in Defense
Michael Nosbisch, PSP, CCC AACE International Vice President of Regions and Vice President of SM&A

In early 2009, the Defense Department announced that it would be dramatically realigning its acquisition strategy by shifting away from cost reimbursable to more fixed price contracts. Since then, much discussion within the federal-based project controls community has revolved around if and how earned value management (EVM) will be used in support of these new contracts. This presentation will examine some scenarios that are likely to unfold over the next few years in this regard, but will also focus on a current example of how the U.S. Army Corps of Engineers has been striving to address this issue. Called Early Contractor Involvement (ECI), it integrates EVM with "incentivized" fixed price contracting on projects where the scope has not been sufficiently defined at the time of contract award—the result being a unique project delivery system that may ultimately become the model for the rest of the Defense contracting community.

Michael Nosbisch has over twenty years of experience in project management and project controls within both the government and private sectors. Since leaving the U.S. Marine Corps as a Captain in 1994, Michael has worked for several of the leading EPC firms in the country, to include URS Corporation, Jacobs Engineering, Kiewit and Parsons. Currently, he is Vice President of Earned Value for SM&A and AACE International Vice President of Regions. Michael is an established trainer and professor teaching scheduling for both the AACE Education board and has taught graduate level courses in heavy construction estimating and scheduling at the University of Southern California. Michael is certified as both a Certified Cost Consultant (CCC) and a Planning and Scheduling Professional (PSP) with AACE International.

Local Address



Sunday, Time: 8:00 AM– 8:30AM

Local Area Speaker: “Palm Springs Master Planning”

Craig Ewing, AICP Director of Planning Services
City of Palm Springs

Mr. Ewing will discuss the plans underway for economic development of the Palm Springs area and how the City of Palm Springs is targeting sustainable growth and continued real estate growth.

Craig Ewing, AICP is a second-generation southern Californian from San Bernardino. Craig received his BA in Economics and Anthropology from the University of California, Santa Barbara. He studied City and Regional Planning at Cal Poly, San Luis Obispo and earned a Masters in Public Administration from the University of Southern California. Craig worked in manufacturing for seven years, specializing in production scheduling and inventory control. He has been a city planner since 1984, working in local government in both southern and northern California. He joined the City of Palm Springs as Director of Planning Services in 2005. He has been a presenter and speaker at the League of California Cities’ Planners Institute and at the annual conference of the California Chapter of the American Planning Association. He is a member of the American Institute of Certified Planners (AICP) of the American Planning Association. In 2007, Craig was elected to the Board of Directors of the Desert Water Agency, which provides water to the Cities of Palm Springs and Desert Hot Springs, as well as portions of Cathedral City and surrounding Riverside County.

Track: Technological Innovations/Client Solutions Sunday, Time: 08:40 AM– 09:30AM



The Reality of BIM Estimating from Design to Construction:

George Aucamp Construction Manager of *Faithful and Gould*

This presentation will go through the BIM estimating process and discuss the advantages and challenges of real world BIM estimating. He will also show some hands-on examples and share some tips and tricks with the audience. The presentations will be wrapped up discussing topics like Collaboration, Risk mitigation and Value Engineering in the BIM world.

George Aucamp has over eight years experience in the construction industry. He has worked on technically and financially challenging public agency programs and complex private developments in the United States, Middle East and South Africa. George is well versed in all aspects of BIM (construction simulation (4D scheduling), 3D constructability review and clash detection, visual model inspection, construction progress and cost tracking in 4D), project controls, scheduling, cost management, design team coordination, site preparation, procurement, and project commissioning. George communicates BIM principles in an easy-to-comprehend format. He has a depth of practical knowledge required for successful project implementation. George served as BIM Manager for John Wayne Airport \$650 million Capital Improvement Program. He assisted with user acceptance testing and enterprise wide program rollout. George understands nuances of individual project data and necessity of maintaining data validity when rolled up for a large scale, multi-year, multi-phase program. George assisted our site-based estimating team with BIM quantity takeoff to achieve more accurate quantities and quicker turnaround on estimates. George has developed focused knowledge of multiple BIM software platforms, in particular Synchro, Autodesk Quantity Take Off, Navisworks and Revit. George is a Construction Systems Manager and leads Faithful+Gould Virtual Project Management Systems group.

Track: Technological Innovations/Client Solutions Sunday, Time: 09:40 AM– 10:30AM



Drawing Collaboration Using Oracle AutoVue:
Arthur Napurano of DR McNatty and Associates for Oracle

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, printing and analyzing of graphical, business, 2D and 3D CAD documents
- Consistent and manageable annotation of all document types
- Real - time collaboration

Demonstration will illustrate AutoVue usage and benefits within Primavera solutions.

Arthur Napurano has over three years of experience in planning and scheduling for various construction projects using Primavera software. He has assisted clients in the coordination, scheduling, execution and training on numerous projects using Primavera products. His experience combines a strong Business Management background with an understanding of cutting edge software solutions at the ground level.

Track: Technological Innovations/Client Solutions Sunday, Time: 10:40 AM– 11:30AM



Keep Budgets and Schedules in Synch with Hard Dollar and Primavera:
Bradley Barth, Senior Vice President for Hard Dollar

See how the real-time, two-way integration between Hard Dollar and Primavera is used by owners and contractors to solve 5 of the most common problems in the capital projects industry.

Brad Barth (Sr. Vice President, Hard Dollar Corporation) Mr. Barth has been instrumental in transforming Hard Dollar Corporation from a start-up software developer into one of the world's leading solution providers for project-driven enterprises. In helping to orchestrate Hard Dollar's product vision and go-to-market strategy, he has guided the Hard Dollar software solution to award-winning status, while developing a large and loyal customer following. With more than twenty years experience providing technology to the capital projects industry, Mr. Barth has been a trusted advisor to many of the world's leading owners and contractors. Mr. Barth received a Bachelor of Business Administration degree from Southern Methodist University.

Track: Technological Innovations/Client Solutions Sunday, Time: 11:40 AM– 12:30PM



Bridging the Gap - Integrating Capital Planning with Project Controls Processes at Public Transportation Agencies:

Chris Bergerud, PMP Executive Vice President for *EcoSys*

Chris Bergerud, Co-Founder and Executive Vice President at EcoSys, will summarize steps that public transportation agencies at the local, state, and federal level are taking to integrate their Capital Planning processes with Project Controls. Chris will demonstrate how agencies have succeeded at integrating long range planning and fiscal year budgeting processes with the scheduling, budgeting and project controls processes driven by the Engineering and Program Controls organizations. The outcome is a single end-to-end process across multiple agency organizations that manages funds, budgets, forecasts, obligations, commitments, performance 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.

Chris Bergerud, PMP is Co-Founder and Executive Vice President at EcoSys. He oversees sales, marketing strategy and execution and partner channel development for EcoSys. With a special focus on the financial management and capital program management requirements of public sector agencies and contractors at the federal, state and local level, Chris is instrumental in defining the role of EcoSys' software in those markets.

Prior to starting EcoSys, when at Eagle Ray and subsequently Primavera Systems, Chris was a designer and developer of the Enterprise Project Management Software suite now known as Oracle Primavera P6. He has a long background as a software developer and project manager, working for organizations including GE Capital, GTE, CBS, and Prodigy Communications. Chris earned his Bachelor of Science degree from the University of California at Santa Cruz and is a certified Project Management Professional (PMP).