



# 6th Annual Project Controls SUMMIT

January 29, 2020, Caltrans District 7, 100 S. Main Street, Los Angeles, CA 90012

## SUMMIT AGENDA

### AM

- 7:45 Registration, Continental Breakfast & Networking**
- 8:15 Commencement, Thank you, Logistics**  
Andy Wiktorowicz, Executive Director, WCCC
- 8:20 Dialing in Accuracy for Early Stage Estimates**  
Chad Chapman, Rachel Personius; Currie & Brown
- 9:05 How to Do More with Less!**  
Walter Tarr, TW Group LLC/Beezley Management
- 9:35 Owner's Tool - LAWA Project Cost Applications**  
Y.C. Wang & Ditas Bernardo, Los Angeles World Airports  
Rodney M. Percival, Lenax Construction Services
- 10:20 Break** (10 minutes)
- 10:30 Owner Use of Data Analytics to Control Costs in Construction and Facilities Management**  
Jagan Singh, Judicial Council of California
- 11:00 Delay & Acceleration - How to Avoid Headaches**  
John Armstrong, Rider Levett Bucknall
- 11:55: Lunch - Catered in the Room** (45 minutes)

### PM

- 12:40 Announcements & Housekeeping**
- 12:45 Transforming Sloppy Historical Cost Data into a Pot of Gold**  
Karan Shah & Jeff Sawyer, Simplar Institute, Arizona State Univ.
- 1:30 Oh, Crap! Change Management**  
Diane Pierson, LKG-CMC, Inc.
- 2:00 Break** (10 minutes)
- 2:10 Using Gamification Software to Visualize Data, Inform Decisions & Predict Future Risk**  
Jason Suriano, TIQ Software
- 2:50 More Cautionary Tales in Scheduling**  
Chandrani Havaldar, CH Scheduling Services  
Mark Stapke, Stapke Law LLP
- 3:20 Closing Remarks & Information**
- 3:30 Adjourn**

Western Council of Construction Consumers, founded 1972, is a forum for those in commercial, institutional and industrial construction, to address issues common to project design, engineering and construction.

This **SUMMIT** focuses on key project controls principles and issues influencing your ability to effectively meet your project cost, time, performance and value goals. The rich agenda includes topics of interest to a wide variety of industry sectors and roles. Owners and industry professionals will share controls issues and lessons learned with effective approaches or tools - in ways that will help you implement them successfully to benefit your organization and future projects.

Whatever your role, you will gain insights and perspectives to help institute more effective project controls going forward.

Welcome!

**Andrew Wiktorowicz**  
Executive Director

**Valerie Largin,**  
Programs Director  
& SUMMIT Organizer

► **ATTENDEES: On feedback form you were given:**

- 1. Tell us what you found most valuable/helpful in these presentations.**
- 2. Tell us topics/issues you want us to address at the 1/27/2021 SUMMIT.**

**Turn in form at Reg desk - Thank you for your input!**

*Thank you Presenters!*

## 2020 PRESENTERS



**Andy Wiktorowicz**,  
WCCC Executive Dir.

With 40+ years in Control Systems/ Mfg. Engineering & B.S. in Physics from Illinois Institute of Technology, Andy co-authored the first edition of *Instrument Engineers Handbook*, wrote many articles and lectured on CS Engineering. Special consultant in his firm, Unigen, he implemented innovative projects and rescued troubled ones globally with creative technical/mgt. solutions for clients, including: TWA, UOP, TRW, Shell, & Mobil, Oil.



**Chad Chapman**  
Associate Director  
National Cost  
Estimating Lead  
Currie & Brown

As a recognized industry expert in delivery of cost estimates, during Chad's 23 years in the construction industry, he has led cost consulting teams on projects and programs ranging in value from \$100,000 - \$60 billion+ across a wide range of sectors. His leadership in project benchmarking and data analytics helps stakeholders understand where their costs should be in comparison to the wider market.



**Rachel Personius**  
Associate  
Lead Data Analyst  
Currie & Brown

Rachel has industry-leading capability and experience in the field of mathematical data analysis for projects, including data management, normalization, benchmarking and market intelligence. She builds benchmark studies and cost models, analyzes data and markets for trends, studies how economies of scale and unique project attributes impact costs,

and identifies key cost drivers to highlight opportunities for cost savings across project portfolios. She supports smart cost savings initiatives across project portfolios with quantitative data analysis.



**Walter Tarr**  
President  
Tarr Whitman Group,  
LLC (TWG)

A former 3M programmer, and an Engineering graduate from UT, Austin, Mr. Tarr has lead Planning, Design, Construction and Owner teams in start-up, delivery and oversight of up to \$10B major capital projects for 25+ years. His expertise includes controls establishment, integrating existing client systems, systems maintenance and client staff training. TWG, partners with Beezley Management in developing and managing program and project level controls, including scheduling, cost reporting, logistic plans/sequencing, preconstruction services, contracts and negotiations while Beezley provides general CM/owners rep services.



**Y.C. Wang**, PhD, SE,  
QSD, QSP  
Program Controls  
Manager  
Los Angeles World  
Airports

Y. C. has 30 years project management/controls experience for major LA City projects, including: LA Central Library Rehabilitation, LA City Hall Base Isolation, police projects; LAWA TIBIT Renovation, CIP, and Tenant Construction projects. He is a master at setting standards, project delivery process/procedures, front end documents, schedule/cost controls, change management, document controls, progress reporting, BIM, auditing, and closeout, to process improvements. A Certified SWPPP designer/practitioner,

His PhD is from UCLA.



**Ditas Bernardo**,  
DBIA  
Senior Estimator  
Los Angeles World  
Airports

With a BS in Civil and Environmental and Sanitary Engineering Ditas was trained as a Quantity Surveyor by Davis Langdon and Seah. With 25+ years in cost estimating for small - large-scale projects, she was a Senior Cost Estimator for Hill international, Parsons, Jacobs and AECOM. She has prepared budget and independent cost estimates from different stages of drawings and delivery methods and reviewed/negotiated change orders for: LACMTA, LAUSD, LACCD, Disney, Universal Studios, universities and commercial companies.



**Rodney Percival**, PE  
Program Cost Mgr  
Lenax Construction  
Services

30 years construction experience focused on program management/ cost control, he was Project Eng./ Estimator for a premier Australian engineering and construction firm. Registered as a CA PE in the 90's, he did project/program management for FAA, and budgeting, PM/ PM training on multi-billion\$ bond program for LAUSD. The past decade, he's been Chief Cost Engineer for LAX capital improvements, managing budgets; developing cost control systems, staff training, historical cost database, and in-house cost applications.



**Jagan Singh**, PMP  
Principal Manager  
Facilities Services  
Administrative Div.  
Judicial Council  
of California

Jagan has 24+ years' experience in Project Management and Controls, 20 of those in the private sector leading large projects and controls. The last four years, he has been actively involved in setting up controls for JCC Capital Outlay Improvements and Facility Modifications. He actively uses data analytics to project and manage work in 58 counties for \$65M annual budget and to manage/distribute \$110M deferred funding. A licensed Architect, with an MBA from UCLA, he has served on AIA.



**John Armstrong,**  
PMP, CCM  
PMI-SP, PSP  
Associate  
Rider Levett Bucknall

John leads North American project controls/scheduling efforts, providing expert opinions/testimony on damage quantum and claims for equitable adjustment in litigation/arbitration. He oversees a team providing project controls, risk management, claims, and scheduling services to Owners, attorneys, contractors, subcontractors, and design professionals. With 16 years' experience, John has worked on a variety of complex projects including infrastructure, education, technology, commercial, corrections, stadium/ concert venues, federal, state/municipal, and healthcare.



**Karan Shah**  
Simplar Institute  
Arizona State  
University

Karan is pursuing his PhD in Construction Management from ASU. He has 5+ years' experience in Estimating, Data Analytics, Project Controls/Management over 7 market sectors in two continents. He has worked across the supply chain from Manufacturing to Owner's

Rep and brings a unique approach to managing construction programs.



**Jeff Sawyer,** Director  
The Simplar Institute,  
Arizona State University

Jeff is a researcher with 30+ years' engineering construction, capital project management and consulting, experience. He co-founded a design-build water/wastewater firm, was capital improvements PM/ Sr. environmental service engineer for City of Prescott, AZ, was owner rep. and owned a construction company. He's led teams in design, construction, and PM of both horizontal and vertical construction projects.



**Diane Pierson,** PMP  
VP Project Controls  
LKG-CMC, Inc.

Diane has 31+ years' experience developing, integrating, and implementing project controls and management for large to small infrastructure, port, energy, oil processing, and medical projects for public and private sector clients, including City of Hope, U.S. Army Corps of Engineers, Port of Long Beach, and Cordoba. As an effective leader of Change Management, Diane integrates people, processes, and tools into a cohesive system to successfully execute program or project delivery utilizing tools, such as: Primavera P6, Unifier, and document/contract management applications.



**Jason Suriano**  
Founder/ CEO  
TIQ Software

Jason has 16+ years' experience leading the development of over 200 digital projects for local, national and international clients,

such as Discovery Channel. He holds a Master of Arts in Digital Humanities and is author of the book *Office Arcade: Gamification, Byte-Size Learning, and Other Wins on the way to Productive Human Resources*. TIQ Software helps small, medium and enterprise businesses onboard and educate employees using a gamified, full spectrum learning platform.



**Chandrani Havaldar,** PSP

Owner's CPM  
Specialist  
CH Scheduling Svcs.  
Experienced sched-

ule management and delay analyst for large complex infrastructure, facilities and water/wastewater projects, Chandrani works directly with owners and contractors on major multimillion\$ public works projects, analyzing/preparing schedule/delay claims. She is proficient in preparation/review of baseline and monthly schedules, updates and time impact analyses. Her BS in Civil Engineering is from India, her MS in Civil Engineering, CM is from San Jose State University.



**Mark Stapke,**  
Founding Partner  
Stapke Law LLP,  
Gen. Counsel  
WCCC

Mark is a well-known construction/real estate trial lawyer with 35+ years experience winning cases before juries and arbitrators, recovering \$50 million+ for clients. He regularly resolves cases through ADR, too. His practice stresses claims avoidance training for public and private owners, and resolution of time-related claims. Mark is an arbitrator and Judge Pro Tem for the CA Superior Court, and has been selected as one of the *Top 400 Construction Lawyers in the U.S.*

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### Join in...

**Western Council of Construction Consumers** is dedicated to strengthening, promoting and serving your organization. Public or private Owners, Contractors, Subcontractors, Vendors and Professional Service Providers all benefit from Council membership.

When your firm or agency joins, **all** employees become members eligible for **member-only rates** for programs, equipping them to provide valuable info and assist with in-house training to improve safety, operations, maintenance quality, and cost-effective construction.

We involve your in-house talent in committees and program planning to meet your needs and help others. Members may host and champion programs. We also offer in-house targeted trainings.

**Only Council members** may submit their projects for the **Owners' Project Excellence Awards**, which recognize outstanding design, engineering, and construction.

**Join or renew now** and submit your projects completed in 2019.

**Check online at [www.wccc.org](http://www.wccc.org)** for other benefits and opportunities, as well as the application.

