

# WORKSHOPS AND SPEAKERS

**CAL SMACNA's 52nd Annual Convention**  
**Grand Hyatt Kauai Resort and Spa, Koloa, Hawaii, April 4-7, 2018**

## **Workshop 1 - Thursday,** **April 5, 2018 8:30 a.m. – 10:00 a.m.**

### **“Project Close Out, A Collaborative Approach”**

A panel discussion on how Mechanical Contractors and Test and Balance Contractors can communicate and work with General Contractors to help keep projects cost effective and running smoothly.



**Duane Davies**  
National Air Balance Company

**Duane Davies** is the executive vice president of National Air Balance Company (NABCO). The company is located in Fremont, CA. Founded in 1968 as an independent Testing, Adjusting and Balancing firm. NABCO is a member of the Associated Air Balance Council (AABC) and the AABC Commissioning Group (ACG).

Mr. Davies attended Laney College in Oakland, CA. He joined NABCO in 1977 as a field technician. During his career, he has been involved in numerous cutting edge projects including semiconductor, bio pharma, health care, higher education, high rise office and residential and manufacturing.

Mr. Davies is a certified AABC Test and Balance Engineer, ACG commissioning agent, TABB supervisor and LEED AP, BD+C. Mr. Davies enjoys spending time with his boys in Patterson, CA. They enjoy hunting, fishing, hiking, boating and many other outdoor activities.



**Phillip Phillips**  
Southland Industries

**Phillip Phillips'** career in construction spans more than 35 years. His experience consists of both mechanical and general contracting in various markets including health care, life sciences, hospitality, high-rise residential, and manufacturing. Phill graduated Cum Laude from CSU, Long Beach with a Bachelor of Science in Construction Management.

Phill has been with Southland Industries for 24 years and currently serves as Vice President of Operations. Southland Industries was founded in 1949 and today is one of the most progressive, and sought after, Mechanical Engineering, Construction, and Service companies in the country. As VP of Operations, Phill is responsible for the quality, budget integrity, and timely performance of all projects undertaken in Northern California by Southland Industries.

In his spare time, Phill enjoys spending time with family, as well as, mountain biking, jeeping, hunting, fishing, and shooting sports.



**Iain Anderson**  
DPR Construction

**Iain Anderson** is a Senior Mechanical Estimator and Preconstruction Manager of DPR Construction. He is responsible for the budgeting, estimating, value engineering, and sub-contractor buy-out, of Plumbing, Fire Protection and HVAC trades, for projects in Healthcare, Life Sciences, Corporate Office, Higher Education, and Advanced Technology core markets undertaken in the Bay Area by DPR Construction.

Mr. Anderson has over 40 years of experience, in MEP construction, starting with a Plumbing/ Piping subcontractor, to an MEP Specialty subcontractor and Division of a large International General Contractor, before relocating 30 years ago to the USA, and continuing his career as a Mechanical Cost Consultant, eventually joining DPR almost 17 years ago.

Mr. Anderson is an ASHRAE, Golden State Chapter member, an ISPE Bay Area Chapter member, a member of the Chartered Institute of Builders, and a member of USGBC, Northern California. Mr. Anderson spends his spare time supporting kids in San Francisco, through youth soccer, and is a registered US Soccer Referee, California North.

## **Workshop 2 - Thursday,** **April 5, 2018 10:15 a.m. – 11:45 a.m.**

### **“Construction Industry Forecast”**

A focus on commercial construction as related to current events, issues, and risks on the national and California levels. Dr. Nickelsburg will provide his forecast for California's construction industry using data gathered by a top-level developer survey conducted by the UCLA Anderson School of Economics in December 2017. A look at construction in general and a deeper look into commercial, industrial, and multi-family housing over the next three years. The regions of focus will include the Inland Empire, San Diego, LA/OC, San Francisco East Bay and San Francisco Silicon Valley (South Bay).

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**Dr. Jerry Nickelsburg**  
UCLA, Anderson School of Management  
and Anderson Forecast

**Dr. Jerry Nickelsburg** joined the UCLA's Anderson School of Management and The Anderson Forecast in 2006. Since 2017 he has been the Director of The Anderson

Forecast. He teaches economics in the MBA program with a focus on Asian economies. As the Director of The Anderson Forecast he plays a key role in the economic modeling and forecasting of the National, and California economies. He has conducted research in the areas of labor economics, industrial organization, statistics, and international monetary economics, focusing on the development of new data and the application of economic theory and statistical methods to policy issues. His current academic research is on specific skills, structural unemployment, and on energy efficiency in transportation. He is a regular presenter at Economic Conferences and is cited in the national media including the Financial Times, Wall Street Journal, New York Times, Los Angeles Times, and Reuters.

He received his Ph.D. in economics from the University of Minnesota in 1980 specializing in monetary economics and econometrics. He was formerly a professor of Economics at the University of Southern California and has held executive positions with McDonnell Douglas, FlightSafety International, and FlightSafety Boeing during a fifteen-year span in the aviation business. He also held a position with the Federal Reserve Board of Governors developing forecasting tools, and has advised banks, investors and financial institutions.

From 2000 to 2006, he was the Managing Principal of Deep Blue Economics, a consulting firm he founded. He has been the recipient of the Korda Fellowship, USC Outstanding Teacher, India Chamber of Commerce Jubilee Lecturer, and he is a Fulbright Scholar. He has published over 100 scholarly and popular articles on monetary economics, economic forecasting and analysis, labor economics, and industrial organization and he is the author of two books on monetary economics and exchange rates.

## **Workshop 3 - Saturday,** **April 7, 2018 8:15 a.m. – 9:45 a.m.**

### **“Construction Disruption”**

A brief history of virtual reality, augmented reality and wearable devices. Learn how drones are introducing builders to data mobility, visualization, access and efficiency on projects. Learn how cutting edge mobile applications, sensors and web-based solutions are being integrated for use in the office and on the job site. Analyze case studies of how industry leaders are using innovative technology to inspire collaboration & design.



**James Benham**  
JBKnowledge, Inc.

While growing up in Baton Rouge, Louisiana, **James Benham** began writing code at the age of 11 and by 14 had developed his first application. Three years later, he co-managed an internet services provider (ISP), providing dial-up Internet to over 4,000 users. James went on to complete a Bachelor of Business Administration in Accounting and a Master of Science in Information Systems while in the Corps of Cadets at Texas A&M University. During his final year at Texas A&M in 2001, James established his second company, JBKnowledge, Inc. He has continued to stay involved with his alma mater by joining the university faculty as a Guest Lecturing Professor in the Department of Construction Science at Texas A&M.

James is the Chief Executive Officer of JBKnowledge, Inc. and has led the company to become a premier provider of technology solutions for the construction and insurance industries, with clients across North America, the Caribbean and the Middle East. JBKnowledge is also the maker of the SmartBidNet, SmartCompliance, SmartReality, and SmartInsight cloud and mobile solutions.

With extensive experience in the design, development and use of technology to improve efficiency, James has presented at a variety of national events including: Associated General Contractors of America (AGC) IT Forum and Annual Convention, CONEXPO, Construction Financial Management Association Annual (CFMA) Conference, Construct Canada, BIM Forum, Augmented World Expo (AWE), and more. James' company, products and writing have been featured in publications such as Engineering News Record, Texas CEO, Construction Business Owner, Construction Executive, 3D Visualization World, Estimating Today, and many more. In addition, he has been recognized among ENR Texas & Louisiana's 2014 Top 20 Under 40 for his advancements in construction technology.

James is a founding member of the Construction Open Standards Alliance and a dedicated proponent of open integration standards in software development. In 2012, James was elected to City Council Place 6 of the City of College Station, Texas and is on the board of the Brazos Valley Wide Area Communications System.

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## Annual Business Meeting - Saturday, April 7, 2018 10:00 a.m. – 11:45 a.m.

CAL SMACNA's annual business meeting where delegates will vote on the 2018 Executive Committee and 2017 financial statements. Hear updates on SMACNA from National representatives.



CAL SMACNA President **Jon Mohs**, Engineering Manager, AGC, Inc., Bay Area SMACNA, will open the annual business meeting.

The following guest speakers will give updates on SMACNA activities.



**Jack Knox** is president of SMACNA and president of R.F. Knox in Smyrna Georgia. Jack graduated from Auburn University with a Bachelor of Science degree in Business Administration. He is the fourth generation of the Knox family to manage and own R.F. Knox Company since it began.

Jack has served as chair of the SMACNA Employees' Pension Plan Trustees, as a SMACNA-IFUS trustee, and as chair of the Budget and Finance Committee. He was on the Business and Financial Management and Director Nominating Committees, an officer liaison to the Products and Programs Coordinating and Technical Resources Committees, and served on the Blue Book Sheet Metal and HVAC Equipment Task Force. He is active in the Georgia-SMACNA chapter and has served through the chairs, on the board of directors, and on various committees. Jack is also on the board of directors of Blue Skies Ministries and is president of Mt. Paran Christian School Athletic Booster Club.



We are also honored to have SMACNA's Chief Executive Officer, **Vincent Sandusky**, who will offer our membership a national update and share the latest issues and concerns affecting SMACNA.

Vince has more than 30 years of industry specific experience, most recently serving as chief executive officer of the Finishing Contractors Association (FCA). FCA represents union-signatory specialty contractors.



CAL SMACNA is again privileged to have **Deb Wyandt, Esq.**, SMACNA's Executive Director of Labor Relations and Human Resources speak on recent labor law issues. Deb holds a bachelor's degree in Psychology, a master's degree in Labor and Industrial Relations and a Law degree from George Mason University and she is a member of the Virginia State Bar.

## President's Luncheon - Saturday, April 7, 2018 12:00 p.m. – 1:00 p.m.

The annual legislative update, recognition of our generous sponsors and announcement of the winners of the Ed Banks Memorial Award for Contractor of the Year, Tom Guilfooy Memorial Award for Craftsmanship of the Year, and the Safety Awards.