WELCOME TO THE CONFERENCE

Dear Conference Participants,

On behalf of the conference advisory committee and our sponsors we are pleased to welcome you to the Group ASI Advanced Work Packaging Conference 2015.

The first of these series of conferences was in 2009 in Calgary, Alberta, Canada and in the seven years since that event, several exciting developments have occurred:

- AWP & WFP have expanded to be applied on projects around the globe
- AWP has been made a best practice by the Construction Industry Institute
- The University of Texas at Austin has shown that AWP works
- CII has established a community of practice based on AWP
- A certification process has been established for AWP and WFP
- Owners are requiring AWP on their projects
- Contractors are using AWP to increase their competitive advantage

AWP started in the oil and gas sector and the trend we are seeing is better planning is needed in all sectors, needs to involve all stakeholders and is a global solution to a global problem. The challenge sounds simple: better planning will lead to better project results. How can we make this a repeatable process? How early is early construction involvement? These are all questions this conference should help answer.

AWP is a process built by industry to address challenges we have seen time and time again. Let’s finally avoid those events that have dominated our lessons learned.
CONFERENCE SPONSORS

Thank you to our sponsors, many of which have returned to the conference multiple times over the years. We could not present this one-of-a-kind event without your support.

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Insight-WWP

Productivity Enhancement Resources, Inc.
ABOUT THE CONFERENCE THEME

WHY ROLL THE DICE WHEN YOU CAN STACK THE DECK?

Imagine two jigsaw puzzles, each with thousands of pieces. Now, imagine a competition in which the jigsaw puzzles are assigned to two different teams, each of which are tasked with the completion of their puzzle, and in this competition, the team to complete their puzzle the fastest wins. However, although the two puzzles may be similar or identical in terms of their number of pieces and the final presentation, the playing conditions in this competition are far from even.

Team one receives their puzzle as a dump of pieces, in random order.

Team two receives their puzzle as a collection of packages, each with a precise number of pieces meaningfully coded in a specific order.

Based on these conditions, which team do you suppose will win? Of course, team two will complete their puzzle the fastest. The competition is biased toward their success from the very beginning.

Is this an unfair advantage? Maybe, but this is a (very, very) simplified example of the type of competitive advantage that project owners and contractors gain on their real-world megaprojects when Advanced Work Packaging and WorkFace Planning best practices are brought into play, and when AWP & WFP systems are effectively designed and implemented based on the best practices and based on the project’s requirements and goals.

AWP & WFP decrease costs and increase performance. This is proven. So, why roll the dice on project success when you can stack the deck in your favor?

ABOUT THE CONFERENCE ORGANIZER

GROUP ASI: We are the AWP & WFP Experts

Group ASI is the global construction industry’s best-recognized, most accredited, most experienced Advanced Work Packaging and WorkFace Planning training and implementation support company.

Our experience in construction, engineering, project management and education set us apart. Our team has an unparalleled depth of knowledge in the domain of AWP & WFP.

Visit us at GroupASI.com or contact info@groupasi.com to learn more.
AGENDA AT-A-GLANCE: PRIMARY

All plenary presentations occur on main stage; breakout track session guide on following page.

<table>
<thead>
<tr>
<th>October 5th</th>
<th>October 6th</th>
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<tbody>
<tr>
<td><strong>7:30 AM</strong> Registration and Breakfast Buffet</td>
<td>Registration and Breakfast Buffet</td>
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<tr>
<td>Note: pre-registration available October 4th from 5:00 PM - 6:30 PM in foyer</td>
<td>Kickoff</td>
</tr>
<tr>
<td><strong>8:00 AM</strong> Kickoff and Lightning Round</td>
<td>Breakout Track Sessions</td>
</tr>
<tr>
<td><strong>9:00 AM</strong> Construction Industry Institute (CII) Panel</td>
<td>Breakout Track Sessions</td>
</tr>
<tr>
<td><strong>10:00 AM</strong> Break</td>
<td>Breakout Track Sessions</td>
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<tr>
<td><strong>11:00 AM</strong> Technology Experts Panel featuring Intergraph, Bentley Systems and AVEVA</td>
<td>Breakout Track Sessions</td>
</tr>
<tr>
<td><strong>11:30 AM</strong> Luncheon Keynote: Chris Buck from Productivity Enhancement Resources, Inc.</td>
<td>Luncheon Keynote: Leading the Change feat. Michael Chuchmch from Chevron</td>
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<td><strong>12:00 PM</strong></td>
<td>Breakout Track Sessions</td>
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<tr>
<td><strong>12:30 PM</strong></td>
<td>AWP Labor Risk Mitigation Strategy feat. Roger Gossett from JV Driver Group</td>
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<tr>
<td><strong>1:00 PM</strong> Break</td>
<td>Break</td>
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<tr>
<td><strong>1:30 PM</strong> Breakout Track Sessions</td>
<td>Break</td>
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<tr>
<td><strong>2:00 PM</strong> Breakout Track Sessions</td>
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<td><strong>2:30 PM</strong> Break</td>
<td>Breakout Track Sessions</td>
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<tr>
<td><strong>3:00 PM</strong> Breakout Track Sessions</td>
<td>Breakout Track Sessions</td>
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<tr>
<td><strong>3:30 PM</strong> Featured Keynote: Ed Merrow from Independent Project Analysis, Inc.</td>
<td>From Strategy to Results featuring Rob Clark from Sasol</td>
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<tr>
<td><strong>4:00 PM</strong></td>
<td>Project Owners Panel featuring multinational energy and EPC companies</td>
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<td><strong>4:30 PM</strong></td>
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<td><strong>5:00 PM</strong></td>
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<tr>
<td><strong>5:30 PM</strong> Tradeshow &amp; Networking Event (with cash bar)</td>
<td>See next page for all of the breakout track session information! &gt;&gt;</td>
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Note: schedule/sequence may be subject to change
AGENDA AT-A-GLANCE: BREAKOUTS

**Breakout track sessions only; plenary presentation guide on previous page.**

<table>
<thead>
<tr>
<th>Time</th>
<th>Technology</th>
<th>Best Practices</th>
<th>Implementation</th>
<th>Implementation Support and Special Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/5</td>
<td>1:30 PM</td>
<td>Intergraph</td>
<td>AWP Validation: It Works!</td>
<td>JV Driver Group</td>
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<td><strong>Break</strong></td>
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<td></td>
<td>3:00 PM</td>
<td>Bentley Systems</td>
<td>Improving Front-end Alignment</td>
<td>Fluor</td>
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<tr>
<td>10/6</td>
<td>9:00 AM</td>
<td>Jovix by Atlas</td>
<td>AWP Certification</td>
<td>Jacobs</td>
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<td>Element</td>
<td>AWP as a Best Practice</td>
<td>Construct-X</td>
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<td>11:30 AM</td>
<td>AVEVA</td>
<td>AWP &amp; WIP Applied</td>
<td>Fluor</td>
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Note: Schedule / sequence may be subject to change.
KICKOFF AND LIGHTNING ROUND

We kick off the 2015 edition of the AWP Conference. Sponsor company representatives and invited speakers briefly preview their breakout track sessions.
DAY 1 | CONFERENCE-WIDE EVENT | 9:30 AM

CONSTRUCTION INDUSTRY INSTITUTE PANEL

AWP, recently recognized as a Best Practice by CII, provides a disciplined approach that requires the team to plan and align on the path of construction for efficient project execution. This session will provide an overview of AWP concepts, placement within the CII/COAA Best Practice hierarchy, and reviews the latest evidence of AWP benefits at different stages of implementation maturity.

**Featuring** representatives from the Construction Industry Institute (CII).

NOTES
TECHNOLOGY EXPERTS PANEL

A panel of experts from industry-leading global technology providers will discuss the current state of the art and how currently-available hardware and software tools support and enhance the implementation of AWP & WFP on projects.

Featuring AVEVA, Bentley Systems and Intergraph. This session to be moderated by Dale Adcox of Jacobs.
LUNCHEON KEYNOTE

A PROJECT JOURNEY THROUGH PERFORMANCE IMPROVEMENT

This presentation chronicles the steps and results a typical project might follow and experience while implementing proven performance improvement principles and strategies.

E. CHRIS BUCK
PRESIDENT / CEO
PRODUCTIVITY ENHANCEMENT RESOURCES, INC.

After graduating in 1988 with a Bachelors in Production Management from East Carolina University, Chris has spent over 25 years adapting the latest developments in performance improvement to the world of engineering, construction and Project Management. Improvement processes he developed for the industry are still being used the world over by former employers and clients.

Of his 25+ years in the construction industry, he served a large portion of it in the field while working at Fluor, ultimately serving in roles ranging from Performance Improvement Coordinator and Director, to Site Manager and even Marketing Director.

Along the way, he earned most of his applied experience working with customers like Eastman Chemical Company, DuPont, Southern Company, TVA, BP, and General Electric. The establishment of Productivity Enhancement Resources, Inc. marks the culmination of these experiences at a time of great need in the construction industry for productivity improvement.
INTERGRAPH PRESENTS...

SmartPlant Construction: “Information Now!”

The SmartPlant Construction Technology Session will feature the new enhancements recently released in SPC 2015 R1 that improve productivity and integrity of data being loading into SPC. In addition, continuous productivity improvements in the creation and progressing of construction work packages.

These productivity enhancements include:

- Data Retrieval and Integrity Dialog
- Schedule Interface Functionalities
- Materials Forecast and Filter Enhancements
- Assembly Details in 3D and 2D Viewers
- Queuing Components for Rules of Progress by Rate Table
- Filter Category Search
- Save Advance Search Queries

Featuring Marcelo Joaquim

NOTES
DAY 1 | BREAKOUT SESSION | 1:30 PM | BEST PRACTICES TRACK

AWP VALIDATION: IT WORKS!

AWP improves the safety, productivity and predictability of capital projects for our industry. This session will further delve into the evidence of successful project implementations. Benefits across the maturity model will be reviewed in detail. Case Studies of owner & contractor implementations will be discussed. The session will close with an overview of the resources available to implementers, followed by a Q/A session.

*Featuring* William O’Brien and representatives of CII.

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DAY 1 | BREAKOUT SESSION | 1:30 PM | IMPLEMENTATION TRACK

JV DRIVER GROUP PRESENTS...

*Lessons and Successes of Megaproject Implementation*

Hear about experiences from a recently-completed megaproject, with a review of the areas of success and areas that may be of concern to the AWP Conference 2015 audience.

*Featuring* Jim Hodges
DAY 1 | BREAKOUT SESSION | 1:30 PM | IMPLEMENTATION SUPPORT & SPECIAL TOPICS TRACK

AVEVA PRESENTS...

New Ways to Exploit the Digital Asset from Project Execution to Operations

Featuring Femi Olubunmi and Ricardo Rabelo
DAY 1 | BREAKOUT SESSION | 3:00 PM | TECHNOLOGY TRACK

BENTLEY SYSTEMS PRESENTS...

**Automating Advanced Work Packaging with ProjectWise Construction Work Package Server**

In this session we will show how the implementation of Advanced Work Packaging and WorkFace Planning is supported by Bentley's ProjectWise Construction Work Package Sever.

**Featuring** Mark Hattersley and Paul Mihalic
DAY 1 | BREAKOUT SESSION | 3:00 PM | BEST PRACTICES TRACK
IMPROVING FRONT-END ALIGNMENT

The methodology of Advanced Work Packaging brought a structure and focused execution planning to the forefront so that the subsequent WorkFace planning is accomplished with greater success. A key requirement of this process is alignment and collaboration between construction and engineering. Based on an owner experience of recent implementation of AWP on multibillion refinery project executed across multiple EPC contractors, problems encountered and resolved, this session will cover the following:

- Build from revisiting some of the basics of package based execution
- Stage based nature of EPC projects and early involvement of the “C” component in EP stages
- Discuss key collaborative milestones and deliverables from package based execution perspective
- Coordination between Disciplines and Functions of a project to support AWP execution
- Relevance of AWP method for field as well as Module facilities, Progress and measurement methods to drive this to success
- Technology support required from 2D/ 3D Engineering Design, Document Management, Project Controls systems
- New technology enabled systems for communications & advanced collaboration for package based execution

**Featuring** Yogesh Srivastava

**NOTES**

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DAY 1 | BREAKOUT SESSION | 3:00 PM | IMPLEMENTATION TRACK

FLUOR PRESENTS...

*Power Planning, The Success to Execution*

*Featuring* Silvana Lara, Amanda McCarthy, Bobby Philipation

NOTES
INTELLIWAVE TECHNOLOGIES PRESENTS...

Predictable Work Package Execution using RFID on a Billion-Dollar Project

In this presentation, you will learn how implementing automation technologies to track materials, equipment and personnel using RFID sensors will result in predictable work package execution on large capital construction projects.

Featuring Jamil Ismail of Intelliwave Technologies and Jim Hodges of JV Driver
FEATURED KEYNOTE

MR. EDWARD MERROW
INDEPENDENT PROJECT ANALYSIS (IPA)

Ed Merrow, Founder and President of Independent Project Analysis, Inc. (IPA), is recognized around the world as a subject matter expert in the execution of large and complex megaprojects and capital projects in general. Ed’s broad knowledge of capital projects is sought out by Fortune 500 company executives and professionals worldwide. His expertise in megaprojects is built on decades of research on the unique challenges of these complex investments. With the recent surge in megaproject activity across the oil, minerals, and chemical industries in all parts of the world, Ed’s studies are motivated by the need to understand the complex behaviors of megaprojects and to identify the drivers of megaproject success and failure.

Ed’s years of analysis and research have culminated in the publication of his latest work, Industrial Megaprojects: Concepts, Strategies, and Practices for Success (Wiley, April 2011). Ed has spent 35+ years studying megaprojects at IPA and the Rand Corporation, analyzing the drivers of success and failure in capital projects, including very large, complex projects.

In 2012, the Association for the Advancement of Cost Engineering (AACE) awarded Ed their highest award, the AACE Award of Merit for outstanding service and meritorious accomplishments in the cost engineering profession. Ed also received the 2007 Construction Industry Institute’s highest honor, the Carroll H. Dunn Award of Excellence, and the 2001 Engineering and Construction Contracting (ECC) Division Award for Outstanding Contributions to the Industry.

Ed is often requested as a keynote speaker at major companies and industry conferences worldwide. He has testified before the United States Congress regarding cost overruns in major capital projects. He was a panel member for analysis of project risks at the National Academy of Sciences/National Academy of Engineering. He has also been a Distinguished Lecturer for the Society of Petroleum Engineers (SPE), and was chosen to instruct a course entitled “Special Considerations in Multi-Billion Dollar Projects” for the Construction Industry Institute’s Executive Leadership Course at the McCombs School of Business, Austin, Texas. Ed has published articles in several journals including Petroleum Economist, Offshore, Upstream, Oil & Gas Facilities, Project Manager, Chemical Innovation, and Chemical Engineering.
DAY 1 | CONFERENCE-WIDE EVENT | 5:00 PM
TRADESHOW & NETWORKING EVENT

Mingle with representatives from our outstanding lineup of sponsor and attendee companies. Featuring...

PLATINUM SPONSORS

AVEVA
Bentley
ExxonMobil
FLUOR
INTERGRAPH

GOLD SPONSORS

Jovix
DRIVER'S
INTELLIWAVE

SILVER SPONSORS

Aluma Systems
JACOBS
CONSTRUCT-X

BRONZE AND SPECIALTY SPONSORS

Insight-WFF
PE
PRODUCTIVITY ENHANCEMENT RESOURCES, INC.
JOVIX (ATLAS RFID) PRESENTS...

How Modern Materials Management Supports AWP & WFP

Josh Girvin, SVP, Product & Market Strategy, will discuss how Modern Materials Management supports Workface Planning. Atlas RFID’s materials management solution, Jovix, has been deployed on over 200 sites worldwide. Jovix provides a mobile, automated, and graphical solution to replace the currently inefficient, paper-based processes that are found on most capital projects. Join this break-out session to learn more about how materials management can play a big role in workface planning by providing detailed material information such as status and availability for critical work packages.

Featuring Josh Girvin

NOTES
DAY 2 | BREAKOUT SESSION | 9:00 AM | BEST PRACTICES TRACK

AWP & WFP CERTIFICATION

Learn about the current state of AWP & WFP Certification (spoiler alert: it’s here!) and find out the requirements for various levels of certification. Get answers to any questions you may have around certification and hear about the future plans for the certifications that will supply the industry with the AWP & WFP professionals we need.

Featuring Lloyd Rankin

NOTES
Changing the Game: A Fundamental Approach to AWP

Many capital projects invoke the concept of Advanced Work Packaging (AWP), but few implement AWP at the necessary level required to achieve significant results. AWP arose to address common engineering and construction misalignments and performance issues. Improving these project inefficiencies is critical, but what does robust AWP implementation really look like? How do we use AWP to substantively improve safety, schedule, quality, and productivity during construction execution?

True AWP implementation requires a profoundly different approach to design and construction. The differences are tangible, even down to the look and the feel of the deliverables. In the most literal sense, AWP changes the entire process of project delivery. It means back-to-front planning, with distinctive systems and tools to deliver measurably better results.

AWP requires a sustained and deliberate effort throughout each project phase. If we implement AWP fundamentals at the essential level required, we transform almost every aspect of project delivery. This workshop will examine how a true, “fundamental” approach to AWP can change the game and quantifiably improve project execution.

Featuring Dale Adcox

NOTES
ALUMA SYSTEMS PRESENTS...

WorkFace Planning for Access

Discussion of industry challenges related to Work Access from a provider’s viewpoint, including a cost and resource perspective, the drivers of those costs, the current approaches deployed to combat cost internally and externally and why the desired results have not been achieved.

The presentation will illustrate methods and solutions for attaining those desired cost results, by leveraging internal tools and methodologies focused on estimating, planning and materials management. Those solutions, when coupled with engineering and visualization data, begin to provide a path for improvement in helping the project constructability, planning and field execution phases. When leveraged in a workface planning environment, we can see the path clearly for eliminating waste and inefficiency related to work access. We will also illustrate that it takes a willing partner versus the current conventional wisdom approach.

Featuring Rick Dunlap

NOTES
TBA...

Special presentation
To be announced

Featuring To be announced
AWP AS A BEST PRACTICE

A special presentation by an experienced AWP & WFP professional.

Featuring TBA

NOTES
CONSTRUCT-X PRESENTS...

Success Driven Approach for AWP

“You can’t control what you can’t measure”. This core philosophy has now been applied into the area of Advanced Work Packaging (AWP) with the intent to lead us into an era of reliable and repeatable implementation success across projects. The 'Success Driven Approach' to performance improvement initiatives for capital projects institutes a proper measurement and control system to proactively monitor and adjust AWP efforts – from start to finish – based upon well-defined and agreed to 'Success Metrics'. The ‘Success Metrics’ serve as leading indicators for achieving the target objectives and key results of an AWP effort, identified and prioritized as part of an up-front business value analysis. The establishment of a cross-functional and effective leadership team is essential in the process to steer the initiative to success by pro-actively addressing key areas of course correction observed and reported by an AWP oversight team on a project. Once established, the ‘Success Driven Approach’ can reliably bring together the right combination of people, process and technology to make it happen on a project. With such substantial gains possible through the adoption of AWP, it is imperative that the industry adopt a more formal approach to ensuring the investments required in order to achieve those gains is fully realized. This presentation will lay out the framework for the ‘Success Driven Approach' and discuss its positive effects in AWP implementations to-date.

Featuring Dr. Ted Blackmon and Tim McDavid

NOTES
Beyond Technology: A programmatic approach to achieving AWP success

Successfully implementing Advanced Work Packaging is 10% technology and 90% sociology. Failing to address the sociological facets of a new program implementation can result in program deficiencies, challenges and potential program failure. Within this session, the Bentley construction team will discuss Bentley’s Construction Academy and programmatic approach to facilitate a holistic method of technology and best practice deployment and sustainment, focusing efforts across the project lifecycle. The Bentley Construction Academy is a change agent in improving awareness, engagement, buy-in and proper skillset development to increase project performance. From program solutions, to executive briefings and high tech team simulations, we are working with users every day to tailor programs that meet the needs of their team members, and that improve the success of Advanced Work Packaging and WorkFace Planning programs on projects around the world.

Featuring Eric Crivella, Robin Mikaelsson, Tannis Liviniuk
AVEVA PRESENTS...

**Increasing Efficiency with AVEVA's Construction Management Solutions**

A recent Ernst & Young research showed that in the North American construction industry, more than 50% of construction projects have cost overrun and schedule delays. AVEVA believes that with the proper definition of Engineering Work Packages, leveraging that into Construction Work Packages and using a source independent solution can provide the proper management capabilities that the market is seeking. At this presentation, AVEVA’s Construction Management Solution will be shown and we will discuss the approach we take for improving the efficiency of Construction projects.

**Featuring** Ricardo Rabelo
DAY 2 | BREAKOUT SESSION | 11:30 AM | BEST PRACTICES TRACK

AWP & WFP APPLIED

A representative from an industry leader in AWP & WFP implementation support services presents a current, real-world best practice implementation case study.

*Featuring* Lloyd Rankin

NOTES
DAY 2 | BREAKOUT SESSION | 11:30 AM | IMPLEMENTATION TRACK

FLUOR PRESENTS...

ISP in AWPs

Featuring Jim Taylor of Fluor and John Grassa of PERI North America

NOTES
INTERGRAPH PRESENTS...

SmartPlant Construction: “Streamline Work Process”

SmartPlant Construction sets a new standard on the construction industry with seamless integration between multiple departments. Discover in this session how SPC customers are streamline their work process reducing costs and improving communication between areas previously considered as “silos”.

Featuring Jason Dubose
DAY 2 | CONFERENCE-WIDE EVENT | 12:30 PM

LUNCHEON KEYNOTE

LEADING THE CHANGE

MICHAEL CHUCHMUCH

 SENIOR CHANGE LEADERSHIP CONSULTANT & ADVISOR
 MAJOR CAPITAL PROJECTS AND STRATEGIC INITIATIVES
 CHEVRON

Michael is an industry recognized, Strategic Change and Project Professional with over 20 years experience in leading and delivering enterprise-level change initiatives. Michael is an exceptionally qualified Consulting Leader with experience in managing global consulting teams, directing strategic decision and risk management assessments, and managing the significant relationships on major capital projects and strategic corporate initiatives.

Michael joined Chevron’s Project Resources Company (PRC) in 2006 as a Senior Consultant in the Change Leadership Practice. In this capacity, Michael works with Executive Decision Makers, Business Leaders, and Project Managers and Teams to develop innovative alternatives leading to new strategic approaches that solve significant value-driven business challenges on projects of $100 million plus. In addition to leading change efforts on numerous Chevron projects across the globe, Michael is also credited with creating Chevron’s “Strategic Blueprinting” approach which has helped Business Unit and corporate leaders to identify and deliver a significant magnitude of new technology-driven business opportunities leading to long-term business growth.

Prior to coming to the oil industry, Michael was VP of Change Management Consulting for Unisys Corporation where he led the company’s global practice in delivering client solutions in strategic business transformation and behavior-based organizational change. Michael also served as the Dean of Unisys’ Global Corporate University where he was responsible for setting and delivering the learning strategy for the company’s 30,000+ consulting and technology professionals. Prior to Unisys, Michael was a Managing Principal Consultant within PricewaterhouseCoopers’ Benefits Realization Practice in Philadelphia where he supported major ERP implementations across the globe.
WHY ROLL THE DICE WHEN YOU CAN STACK THE DECK?

DAY 2 | CONFERENCE-WIDE EVENT | 1:30 PM

SPECIAL PRESENTATION

SUPPORTING STRATEGIES AND TOOLS FOR ADVANCED WORK PACKAGING

ROGER GOSSETT
PRESIDENT
JV DRIVER GROUP

Roger Gossett is the President of JV Driver Group. He has 25 years’ experience at the executive level and has been involved with a number of “Signature” projects.

Roger is a member of the Board of Directors for the Economic Alliance Houston Port Region and is also on a number of other boards.

He is an author and advisor for World Energy Magazine; author, advisor and speaker for the National Association of Corrosion Engineers and many other organizations. Roger is also an active advocate, member and speaker for CURT.

While he has multiple degrees, Roger comes from the field where he started as a craftsman and is a teacher and coach by educational background. He is an expert in the areas of efficiency, competition and continuous improvement and as you will see, he is passionate about these subjects.
DAY 2 | CONFERENCE-WIDE EVENT | 3:00 PM

PROJECT OWNERS PANEL

A special project owner’s panel featuring representatives from global energy, EPC and chemical companies.

Featuring representatives from ExxonMobil, Fluor, JV Driver, Southern Company, and a to-be-announced global chemical company.
SPECIAL PRESENTATION

FROM STRATEGY TO RESULTS

ROB CLARK
VICE PRESIDENT
PROJECT DIRECTOR, U.S. MEGAPROJECTS
SASOL

Background and biography for Mr. Clark:

Thirty plus years of EPC management in the Refining, Petrochemicals and Power industries. Providing project management, multi-project Program Management, and PMC services, to manage billion dollar joint ventures, EPC Projects with direct hire construction, as well as refining and petrochemicals FEED packages.

Proposal Manager assignments resulted in several awards in the refining and chemicals sector. Other duties include contract review and management, change order management, management of major customer relationships, schedule compliances, and assisting as banker's agent. Skilled in management of multiple concurrent projects. Extensive experience in assuming leadership of existing troubled projects.


Global management experience, with projects in Puerto Rico, Aruba, Chile, Malaysia, France, Japan and Indonesia.
ABOUT OUR PLATINUM AND GOLD-LEVEL SPONSORS

PLATINUM

AVEVA

AVEVA has been the world’s leading engineering software provider to the plant, power and marine industries for over 45 years. We have achieved this by continual and visionary technical innovation, working in close partnership with many of the world’s leading engineering companies. As a result, AVEVA is trusted to deliver not only the most powerful software tools available, but to put its customers’ long-term business interests at the heart of its technology development.

BENTLEY SYSTEMS

Bentley is the global leader dedicated to providing architects, engineers, constructors, and owner-operators with comprehensive architecture and engineering software solutions for sustaining infrastructure. Founded in 1984, Bentley has nearly 3,000 colleagues in more than 45 countries, $500 million in annual revenues, and, since 2001, has invested more than $1 billion in research, development, and acquisitions.

EXXONMOBIL

We hold an industry-leading inventory of resources and are one of the world’s largest integrated refiners, marketers of petroleum products and chemical manufacturers. An industry leader in almost every aspect of the energy and petrochemical business, we operate facilities or market products in most of the world’s countries and explore for oil and natural gas on six continents.

FLUOR

With Fluor is a FORTUNE 500 company that delivers engineering, procurement, construction, maintenance (EPCM), and project management to governments and clients in diverse industries around the world. For over a century, clients have selected Fluor as their company of choice to complete challenging projects in remote parts of the world. Founded as a construction company in 1912, Fluor quickly built a reputation for applying innovative methods and performing precise engineering and construction work within the emerging petroleum industry. Today, Fluor continues to develop and implement innovative solutions for complex project issues in diverse industries.
INTERGRAPH

Intergraph helps the world work smarter. The company’s software and solutions improve the lives of millions of people through better facilities, safer communities and more reliable operations. Intergraph Process, Power & Marine (PP&M) is the leading global provider of engineering software for the design, construction, and operation of plants, ships, and offshore facilities. Intergraph PP&M is one of two divisions of Intergraph Corporation. Intergraph is part of Hexagon.

GOLD

INTELLIWAVE TECHNOLOGIES

Intelliwave Technologies is the global leader in providing world-class RFID and GPS materials tracking solutions for large Industrial Construction projects. Intelliwave's SiteSense® tracking products deliver unprecedented visibility for project materials and equipment resulting in improved construction schedule predictability helping to keep projects on track and on budget.

JV DRIVER PROJECTS

JV Driver has been providing industrial construction services to the Oil & Gas, Energy, Petrochemical, Forestry, and Mining sectors since 1989. We have a solid multi-discipline industrial construction capability, with a total commitment to Safety, Quality, and Excellence. For over 20 years, we have been creating value for our clients and opportunity for our people, by challenging the status quo, looking after each other, having fun, and building great things together!

JOVIX (ATLAS RFID)

Jovix® is an award-winning modern materials management application developed by Atlas RFID Solutions specifically for the capital asset market. Jovix® combines web-based server software with mobile and auto-ID technologies to extend access to information to decision makers in the field, as well as digitize and automate manual, paper-based data collection. Jovix® provides value for Owner/Operators, EPC firms, contractors, fabricators and suppliers by removing impediments to productivity that result from material readiness issues.
ABOUT OUR SPEAKERS

Dale Adcox of Jacobs is a subject matter expert in WorkFace Planning (WFP) and Advanced Work Packaging (AWP) with over seven years of experience using automation and data integration to continuously improve construction planning activities. Dale is the Global WorkFace Planning Manager for Jacobs and has successfully implemented multiple major projects utilizing his WFP approach. Dale’s WFP philosophy won Jacobs the 2014 Bentley Be Inspired Award for Innovation in Construction.

Dr. Ted Blackmon is Founder & CEO of Construct-X. A visionary and entrepreneur, Dr. Blackmon helped to pioneer the market for virtual construction simulation and automation tools for Advanced Work Packaging and Workface Planning through the invention of the award winning ConstructSim and OpSim products in 2001. As founder and President of Common Point, Dr. Blackmon led the acquisition of Common Point by Bentley Systems in 2008. As Vice President of Construction Solutions at Bentley Systems, Dr. Blackmon developed their strategic roadmap for future product growth in the area of construction automation. Dr. Blackmon also briefly led Intelliwave Technologies as their President, strategically positioning the company and their product using RFID tracking in construction for next-stage growth. Dr. Blackmon also had the fortunate experience to be a team member of the highly successful Mars Pathfinder mission, where he developed and operated the MarMap software program in Mission Control to plan the daily work packages for the Sojourner rover (the first robotic vehicle to reach the surface of another planet).

Chris Buck is President / CEO of Productivity Improvement Resources, Inc. (PER). After graduating in 1988 with a Bachelors in Production Management from East Carolina University, Chris has spent over 25 years adapting the latest developments in performance improvement to the world of engineering, construction and Project Management. Improvement processes he developed for the industry are still being used the world over by former employers and clients. Of his 25+ years in the construction industry, he served a large portion of it in the field while working at Fluor, ultimately serving in roles ranging from Performance Improvement Coordinator and Director, to Site Manager and even Marketing Director. Along the way, he earned most of his applied experience working with customers like Eastman Chemical Company, DuPont, Southern Company, TVA, BP, and General Electric. The establishment of Productivity Enhancement Resources, Inc. marks the culmination of these experiences at a time of great need in the construction industry for productivity improvement.

Michael Chuchmuch is the Senior Change Leadership Consultant & Advisor; Major Capital Projects and Strategic Initiatives for Chevron. Michael is an industry recognized, Strategic Change and Project Professional with over 20 years experience in leading and delivering enterprise-level change initiatives. Michael is an
exceptionally qualified Consulting Leader with experience in managing global consulting teams, directing strategic decision and risk management assessments, and managing the significant relationships on major capital projects and strategic corporate initiatives. Michael joined Chevron’s Project Resources Company (PRC) in 2006 as a Senior Consultant in the Change Leadership Practice. In this capacity, Michael works with Executive Decision Makers, Business Leaders, and Project Managers and Teams to develop innovative alternatives leading to new strategic approaches that solve significant value-driven business challenges on projects of $100 million plus. In addition to leading change efforts on numerous Chevron projects across the globe, Michael is also credited with creating Chevron’s “Strategic Blueprinting” approach which has helped Business Unit and corporate leaders to identify and deliver a significant magnitude of new technology-driven business opportunities leading to long-term business growth.

Rob Clark is Vice President - Project Director, U.S. Mega Projects for Sasol. Rob has thirty plus years of EPC management in the Refining, Petrochemicals and Power industries. Providing project management, multi-project Program Management, and PMC services, to manage billion dollar joint ventures, EPC Projects with direct hire construction, as well as refining and petrochemicals FEED packages. Proposal Manager assignments resulted in several awards in the refining and chemicals sector. Other duties include contract review and management, change order management, management of major customer relationships, schedule compliances, and assisting as banker’s agent. Skilled in management of multiple concurrent projects. Extensive experience in assuming leadership of existing troubled projects. Specialties: PMC and EPC roles for international projects. Experience managing IPA rated projects with CII (Construction Industry Institute) Practices and facilitation of Risk and VIP workshops. Global management experience, with projects in Puerto Rico, Aruba, Chile, Malaysia, France, Japan and Indonesia.

Wayne Crew is the Director of the Construction Industry Institute. He joined CII in 2004 as the Associate Director of Research. Prior to that, he served as vice president of construction for Technip USA Corporation in Houston, Texas. He was active in CII while with Technip, serving as the firm’s representative to the CII Board of Advisors and as a member of the CII Research Committee. Crew spent 23 years at KBR and its predecessor companies, Kellogg Brown & Root and Brown & Root. He retired from KBR as vice president and business segment leader for the industrial services segment. Early in his career, he spent five years with Amoco Chemical Corporation and two years with Michigan Chemical Corporation. Crew serves on the National Board of Directors for the ACE Mentor program, the Board of Trustees for the National Center for Construction Education and Research, and the Board of Directors for FIATECH. He was elected to the National Academy of Construction in 2010. A graduate of Michigan State University, he also holds an MBA from the University of Houston Executive Program. He has been married to Rivanna Crew for over 30 years.

Eric Crivella is the Plant Construction Executive and Industry Sales Director for
Bentley Systems where he has management responsibility for Bentley’s Construction Solution global sales and SME consultants. Mr. Crivella is a high performing, proven enterprise software executive with a very successful track record of improving productivity and delivering on desired business outcomes. He has extensive subject matter expertise in Advanced Work Packaging (AWP) / Workface Planning (WFP), BIM and construction automation solutions; making owner operators, EPCs, CMs and constructors safer, effective and more efficient. Mr. Crivella has been an integral part of development of the AWP / WFP Best Practice and the implementation of ConstructSim and 4D/5D/nD BIM technology on well over 150 projects over the past 18 years. Prior to joining Bentley Systems via an acquisition in May 2008, Mr. Crivella was the Director of Business Development at Common Point. As co-founder of Common Point and Reality Capture Technologies (RCT); Mr. Crivella was a key member of the team that developed and commercialized OpSim and ConstructSim from NASA technology and the Project4D program with technology from Disney and Stanford CIFE. Prior to starting RCT, Eric led the business development efforts for ASE Limited, a management consulting firm specializing in strategic action planning, process control and system integration for large manufacturing firms. Eric also spent four years managing nuclear decontamination and decommissioning projects. He has a business degree and minor in Management Information Systems from Pennsylvania State University. He is currently serving as the Board of Advisors at the Construction Industry Institute (CII) and is the Co-Chair of the CII AWP Community of Practice where he shares his passion to change the industry.

Jason Dubose is currently an Executive Consultant for Intergraph’s Procurement, Fabrication and Construction Global Business Development Organization. He has 30 years of industry experience with the last 25 years being at Intergraph where he has served in many roles from developer, project controls, project management and product owner for various projects and products. Prior to joining Intergraph, he work for The Boeing Company supporting NASA on the Space Shuttle and Space Station projects. Mr. Dubose graduated in 1985 with a Bachelors of Science in Computer Science and Mathematics from the University of Alabama, Birmingham.

Rick Dunlap is currently the Vice President of Technical Services for Brand Energy and Infrastructure Services. He graduated from Texas Tech University in 1988 with a B.B.A. in Finance. He grew up and spent the first half of his career in the Corpus Christi, TX before moving to the Houston area. Rick’s current focus with Brand Energy & Infrastructure Services is to manage the US Industrial Engineering organization, support major client initiatives related to multi-service, complex, coatings, and value-based approach projects. He also helps deliver extended services from craft service offerings, including program support, reliability focus, and optimization of those offerings through surveys, assessments and program efforts. Recently, Rick has concentrated on Workface Planning efforts and the opportunities that planning and scheduling integration of project stakeholders can provide to industry and to Brand’s clients.
Josh Girvin is the Senior Vice President, Product and Market Strategy with Atlas RFID (Jovix). Josh Girvin is responsible for cultivating and researching new, innovative ways Atlas can work with companies in the technology and construction industry. In conjunction, Josh is in charge of setting the hardware and software product strategies for the company and managing the execution of those strategies. Josh works closely with existing and potential customers to determine the materials management needs of the industrial capital asset market and then translates those needs into the vision for the Jovix product line.

Roger Gossett is the President of JV Driver Group, USA. He has 25 years’ experience at the executive level and has been involved with a number of “Signature” projects. Roger is a member of the Board of Directors for the Economic Alliance Houston Port Region and is also on a number of other boards. He is an author and advisor for World Energy Magazine; author, advisor and speaker for the National Association of Corrosion Engineers and many other organizations. Roger is also an active advocate, member and speaker for CURT. While he has multiple degrees, Roger comes from the field where he started as a craftsman and is a teacher and coach by educational background. He is an expert in the areas of efficiency, competition and continuous improvement and as you will see, he is passionate about these subjects.

John Grassa is the PERI North American VP of Industry who played an integral part in building the Integrated Scaffold Program (ISP) with Fluor. Currently PERI together with Fluor is executing the Integrated Scaffold Program (ISP) on several large multi-billion dollar projects on the Gulf Coast of the United States and in Western Canada. PERI together with Fluor are actively estimating new ventures using ISP. John has been with PERI for 14 years and has been responsible in bringing the PERI scaffolding products into the North American Market. John has been through the PERI ranks from sales and Operations, to scaffold manager to CEO of PERI Scaffolding Services managing the self-perform efforts in the Canadian Market. John has been involved in the scaffold business since 1986 gaining invaluable experience; during that journey; some highlights have been managing the scaffold and installation of the Houston Grand Prix, Montreal Formula 1 races, Toronto Molson Indy and 2001 Salt Lake City Olympics. In addition John comes with scaffold manufacturing experience that supports John’s interest in quality assurance and product safety.

Mark Hattersley is an accomplished construction operations and technology professional, with over 12 years of experience both in the field and as an industry supplier. Since 2004, Mark has been with Bentley Systems, the global leader in providing architects, engineers, geospatial professionals, constructors and owner-operators with comprehensive solutions for sustaining infrastructure. As Director of Product Management for Construction, he leads the development and implementation of ProjectWise Construction Work Package Server. This innovative software for information management and installation implementation on large industrial construction projects was designed to enable the realization of the CII
Work Packaging standards, which have been proven to increase predictability, consistency and visibility, improve safety and reduce install cost. In his role with Bentley, Hattersley has personally participated in implementations for EPC’s and large owner-operators of industrial infrastructure worldwide. He’s been recognized as a detail-oriented manager who understands the “big picture” when problem-solving for his customers and who can be relied upon to meet even the most ambitious project goals and schedule. Prior to joining Bentley, he served as a Project Manager for Osmose Utility Services and as Director, GIS Services for BBL, Inc. Mark holds Bachelor’s and Master’s Degrees in Geology and outside of work is an avid soccer fan.

**Joe Hobbs** is the Manager of Engineering at CoSyn Technology, an alliance relationship between WorleyParsons and Syncrude Canada Ltd. supporting the base plant (brownfield) projects and major projects developments inside the plant (refinery) site and mining/tailing areas. He has held past posts in Project Delivery and Construction and has been associated with the WorkFace Planning concepts since they were incepted. He is currently a member on the COAA Advanced Work Packaging (AWP) Steering Committee and is involved with the CII research team (RT310) – ‘Improving Engineering and Procurement Alignment and Coordination with Construction’; which is the next evolutionary step of the AWP model. Joe has experience with direct application of the processes for projects inside the plant limits and for large civil and pipeline work outside the traditional plant limits, delivering pit-to-port solutions.

**Jim Hodges** is Vice President of JV Driver Industrial Services at JV Driver Group USA. Jim has more than twenty eight years of experience in the heavy construction industry. Jim’s construction background includes the petrochemical, chemical, power, pharmaceutical, and refining industries with accountabilities in project management, constructability, planning, scheduling, quality control, cost control, craft services and overall safety in a multiple site environment. Jim’s project leadership includes experience on projects up to $2.0 Billion (TIC). Jim previously spent over nine years with Austin Industrial and almost four years with Technip. Jim holds a B.S. in Business Administration and Project Management from Colorado Technical University and an AAS degree in Construction Management from San Jacinto College. Jim is also a licensed Project Management Professional (PMP).

**Jamil Ismail** is the Global Sales and Marketing Manager at Intelliwave Technologies. Jamil provides overall leadership for the sales and marketing activities at Intelliwave Technologies. He has over 10 years of experience in technical, marketing, and business management roles. Jamil joined Intelliwave from Honeywell Process Solutions, where he was responsible for introducing new technology to customers primarily in the Oil & Gas and Chemicals space. Jamil holds a B.Sc. in Electrical Engineering from the University of Alberta and an MBA in Finance from the Jesse H. Jones Graduate School of Business at Rice University. Jamil is currently registered as an active member of the Association of Professional Engineers
and Geoscientists of Alberta (APEGa).

**Marcelo Joaquim** has more than 13 years of Intergraph products and consulting experience. Marcelo joined Intergraph in 2007 and focuses on the consulting and business development of Intergraph’s Materials Management, Construction and Project Control Product lines. Involved in several Materials Management business processes implementations in the region and also around the world, Marcelo holds a Bachelor of Science Degree in Chemical Engineering.

**Rainer Lamping** is the VP Construction Management Strategy based in Bremen, Germany. He has worked with AVEVA for five years in Product Development, Business Consulting and Strategy. Rainer has over 20 years of experience in development and implementation of planning and construction/production management solutions working with Oil and Gas, Shipbuilding and Manufacturing in Europe, Asia and Americas. Rainer holds a Bachelor degree in Mechanical Engineering and a Master's Degree in Computer Science.

**Silvana Lara** has more than twenty years experience working in different areas of project management and execution within the oil & gas and petrochemical industry in North & South America and plays a key role in the Fluor’s Construction Management Team. Silvana’s experience includes AWP implementation, constructability support in the engineering design office, procurement and supply management, module fabrication and installation coordination, construction site workface planning as well as wide experience in quality assurance.

**Jose LaRota** currently manages engineering and major equipment procurement for Southern Company’s large environmental retrofit projects in the Power industry and has had engineering responsibility for projects with TIC of $4.5B. He has over 30 years of diverse experience ranging from academic to project delivery and engineering design through engineering software systems consulting. Throughout his career he has been involved in Commercial, Pulp and Paper, Chemical and Power industry projects. He is experienced dealing with small and large projects using in house resources as well as outsourced engineering. He has considerable experience developing and managing contracts. Mr. LaRota has a BS in Civil Engineering ECI (Escuela Colombiana de Ingenieria) and a Master’s in Structural Engineering from Vanderbilt University with additional graduate work with emphasis on developing automated design systems. He is a licensed professional engineer in Alabama and California. He was an assistant professor at ECI in the structural department and lectured at the University of Alabama Huntsville. He gained commercial design experience while at Structural Affiliates International. He worked as a Systems Consultant for engineering enterprise solutions for Intergraph Corporation. While at Rust Engineering and Constructors he was a design and technology lead. He has been associated with CII for the past 4 years as a member of RT-272 phases I&II -Work Packaging.

**Tannis Liviniuk** is currently the Construction Academy Client Manager with Bentley Systems, and is a leading expert in Advanced Work Packaging and WorkFace
Planning. Having held WorkFace Planning Management and Coordination positions for EPC firms and Owner organizations, Tannis has successfully developed, implemented and executed Advanced Work Packaging and WorkFace Planning on a wide range of projects, including fire rebuilds, major projects and sustaining projects. She has been a member of the COAA WorkFace Planning Best Practice Committee since 2009, is a member of the COAA productivity best practice committee, the Board of Advisors for AWP Certifications, the CII Advanced Work Packaging Community of Practice, and CII Research Team 335 (Improving the US Work Force Development System). Tannis has developed a series of industry leading Advanced Work Packaging training programs, and has trained over 500 construction professionals in the theory and practice of Advanced Work Packaging and WorkFace Planning. Tannis has a Master’s degree in Business Administration, and is Certified in Project Management by Stanford University's Center for Professional Development. Tannis is also certified as a National Construction Safety Officer, is a Gold Seal Safety Coordinator, and is certified as a PHA HAZOP Facilitator.

Jim Mayeaux is a Senior Construction Consultant at ExxonMobil.

Amanda McCarthy comes from a background as a Red-sealed Journeyman Ironworker. She has 11 Years of experience in various areas of Construction within Oil and Gas. Amanda’s experience includes AWP implementation, WorkFace Planning, constructability, Construction Execution in Major and Capital Projects.

Tim McDavid has served as CEO, President, and COO of several major construction organizations and is an accomplished leader of people, builder of companies, and driver of innovation. Tim has experience in several industries including Oil & Gas, Power, Industrial, Heavy Civil, and Marine. Tim is adept at leveraging innovation to deliver results. His project expertise spans the entire project life-cycle from design to facility operations. Tim most recently served as a Vice President at Intergraph, spearheading the effort to bring the transformational solution Smart Plant Construction to market with his years of practical industry experience. He is an expert in Advanced Work Packaging and use of technology to drive performance improvement. He is an industry leader and serves on boards and committees that will set the standards for the next generation of project delivery.

Paul Mihalic is the Chief Architect for the Construction Business Unit, providing direction for the ProjectWise Construction Work Package Server and Systems Completions Server development teams. Paul is also a permanent member of the Office of the CTO. He has 28 years of experience in software development. Before directing the construction development teams, Paul was a development manager and advisor in the Plant and Platform teams working on ISO 15926 interoperability, ETL and i-models. Prior to joining Bentley Systems via an acquisition in 2002, Paul led the Plant Framework shared by AutoPLANT and was a senior developer on AutoPIPE. Paul is a representative on the Industry Advisory Board for the Stanford CIFE Program. Paul has a Ph.D. in Structural Engineering from University of California, Berkeley.
Robin Mikaelsson is a senior construction consultant with over 25 years in the construction industry starting as a tradesman in the field. In 2000 Robin completed education in process pipe engineering (SAIT and University of Houston) then worked as an engineering design lead for several years. In 2003 completed education in Project Management and obtained PMP credentials (PMI) and returned to the field in construction management. Over the years he has worked as WFP manager and consultant on many major industrial projects ranging from $3 million to $50 billion. Robin has been instrumental in development of the original AWP/WFP model and continues to work with industry bodies to further develop the WFP philosophy as an active committee member with both COAA and CII RT272, RT319, RT334. In 2009, Robin joined Bentley Systems in a global role in working with clients to further their WFP implementations in order to better utilize ConstructSim.

Dr. William J. O'Brien focuses his professional efforts on improving collaboration and coordination among firms in the design and construction industry. Dr. O'Brien is an expert on construction supply chain management and electronic collaboration, where he conducts research, teaches and consults on both systems design and implementation issues. He was the lead editor on the recently published Construction Supply Chain Management Handbook (CRC Press). His research has been supported by the National Science Foundation, National Institute of Standards and Technology, Construction Industry Institute, and Texas Department of Transportation. He is the author or co-author of over 100 journal articles, book chapters, conference papers, and technical reports. Dr. O'Brien is currently an Associate Professor and the Phil M. Fergusson Centennial Teaching Fellow in the Department of Civil, Architectural, and Environmental Engineering in the Cockrell School of Engineering at the University of Texas at Austin.

Femi Olubunmi is Principal Consultant at AVEVA.

Bobby Philipation is currently in Workface Planning Automation, Construction Services with Fluor. Bobby has 12 years with Fluor working in IT Project Management and entering 4th year of SmartPlant Construction (SPC) implementation and administration. Bobby is currently at site on NorthWest Redwater Project supporting a team of Workface Planners using SPC. The NWR Project is very invested Project in using SPC for WFP automation.

Ricardo Rabelo is a Senior Business Consultant based in Houston, TX, for the Construction and Shipbuilding industries with an emphasis in AVEVA’s Construction Management and Enterprise Resource Management solutions. He has worked with AVEVA the past five years on the Business Development and Solution Delivery teams providing application consultancy and project management delivery services. Ricardo has over 10+ years of project implementation experience working within industries such as Oil and Gas, Shipbuilding, Mining and Manufacturing mainly for the Latin American market and most recently the US market. Ricardo holds a Bachelor Degree in Computer Science.
Jim Rammell is Vice President of Corporate Construction Operations for Wood Group Mustang. Jim Rammell provides comprehensive oversight of all construction management operations and facilities inspection activities. Jim joined Wood Group Mustang in 2008 with more than 20 years of experience in II phases of the project life cycle. He also directs construction strategy development and implements construction execution approaches for Wood Group Mustang projects. His expertise in project management, scheduling, design coordination, and procurement enables him to reliably complete difficult projects, on schedule and on tight budgets. He is also in charge of recommending department tools, systems, and procedures to improve project execution efficiency, as well as employee development, staffing, and project support. Jim earned a B.S. in building construction from Virginia Tech in 1984, and an M.S. in management from Rensselaer Polytechnic Institute in 1995. He is a registered professional engineer in Virginia and North Carolina, a general contractor, an active CII research team co-chair, and teaches at the University of Houston.

Lloyd Rankin is a Project Management Professional and is the president of Ascension Systems (Group ASI), the world’s leading Advanced Work Packaging and WorkFace Planning (AWP & WFP) Implementation Support Services Company. Lloyd was the principle researcher in the development of the Construction Owners Association of Alberta’s (COAA) WFP model and was a member of the international committee responsible for development of AWP.

Geoff Ryan is a journeyman pipefitter, Project Management Professional and a WorkFace Planning evangelist. After several Alberta mega-projects as a productivity specialist, Geoff started his own company: Insight-WFP. Geoff and his team now work with owners, engineers, project management teams, constructors and software developers across the globe, helping them to understand and incorporate WorkFace Planning into their culture. Geoff was an active member of the COAA WorkFace Planning Committee between 2004 and 2010 and is chairman and founder of the WorkFace Planning Institute, a not-for-profit association of workface planners. He is also the author of Schedule for Sale.

Yogesh Srivastava is a Director at Teknoplant Ltd. Teknoplant provides a cloud based project and construction management system incorporating advanced work management methods. His prior experience has been as manager for WorkFace Planning at North West Redwater (NWR) Partnership on an $8.3 billion Refinery project. In the 4 years at NWR, he has led full implementation of Advanced Work Packaging and WorkFace Planning from an Owner’s perspective from FEED, Detailed Engineering to Construction. With 24 years of diversified experience across the globe (Canada, United States, Philippines, Middle East and India), Yogesh has extensively worked in the Oil and Gas industry. This has been with companies like Fluor Canada Ltd, Chiyoda JV in Philippines, National Petroleum Construction Company in Abu Dhabi. He has been in leadership positions spanning from Construction Management, Engineering Management and 3D CAD Systems / Automation. From driving large integration programs in EPCM business to setting up the foundation of global delivery models leveraging IT strategies, he is passionate
about solving complex business problems bringing innovation by working across industry lines. Yogesh is also a Co-Chair in Construction Owners Association of Alberta in the WorkFace Planning Committee. He has also been a member of the Construction Industry Institute research team and a contributing author of CII RT 272 publication.

**James Taylor** is the Program Manager for Fluor’s Integrated Scaffold Program. The program was established to increase self-perform construction capabilities as well as provide construction projects with scaffold program management and reporting. Currently, several large multi-billion dollar projects are executing work under the scaffold program on the Gulf Coast of the United States and Canada. James has been with Fluor for over 6 years and has worked within the Government Group, Mining and Metals organization, and with projects within the Energy and Chemicals business line. Prior to relocating to Houston, James worked on a large, complex mining project located at 15,000 feet in the Andes Mountains and on multiple projects in Northern Afghanistan. Prior to James’ employment with Fluor, he served as an Infantry Officer in the United States Army. During his service, he was deployed to Iraq for 3 tours of duty. In the US Army, James held the positions of Rifle Platoon Leader, Heavy Weapons Platoon Leader, Company Executive Officer, and Company Commander and was Airborne and Ranger qualified.