

Session Abstracts – by Speaker Alphabetically**Alarik, Mark**

Session Working Title: Thursday April 4, 11:00am to 12:00pm

Creating the Idealized Design for Supply Chains

- ▶▶ If your current supply chain has problems ... it was designed that way!
- ▶▶ What is the Ideal Design for your Supply Chain?
- ▶▶ The Systems Thinking imperative for Supply Chains
- ▶▶ Overcoming silo-ization that causes poor quality, delays, and high costs
- ▶▶ Preparing for a crisis before it strikes
- ▶▶ Can a supply chain become a profit center?
- ▶▶ Choosing between Continuous Improvement and Innovation
- ▶▶ How to empower everyone to improve quality and transformation

Alvarez, Diego

Session Working Title: Thursday, April 4, 9:45am to 10:45am

U.S. Mexico Border Challenges & Trends

After the pandemic Mexico has emerged as a pivotal player in the rapidly evolving global supply chain with a prominent role as a logistics hub. Gain insights into the key challenges affecting supply chains as well as the key trends in Technology, Transportation and Warehousing.

Technology: AI, Automation, digitization

Transportation & Logistics: dynamics of nearshoring shifts, Critical Infrastructure

Warehousing & Distribution: land, space, labor, rising costs

Barton, David & Foster, Kelly

Session Working Title: Thursday April 4, 11:00am to 12:00pm

The Rock and the Hard Place: Ways to Manage the Squeeze with Contract Terms

We will examine between 5-7 (as time allows) standard contract terms one would find in an agreement with either vendor/supplier or buyer contracts and how to negotiate those terms to avoid being left “holding the bag” if something goes wrong. Examples of terms include INCO terms; Price Adjustment terms; Force Majeure; and governing law and jurisdiction terms. Examples of standard clauses will be shown, and then ways to negotiate those terms for better hedging will be demonstrated.

Cardenas, Leo

Session Working Title: Friday April 5, 11:00am to 12:00pm

Supply Chain Risk Management – DOD Supply Chain Cybersecurity

DoD contracts containing DFARS 252.204-7012 require covered defense information including Controlled Unclassified Information (CUI) on supplier information systems to be safeguarded using security measures in NIST SP 800-171.

- Protecting Controlled Unclassified Information (CUI) is a critical aspect of DoD Supply Chain Management.
- Challenges
- Resources

Cardiel-Perez, Yvette

Session Working Title: Friday April 5, 9:45am to 10:45am

Supply Chain Risk Management in Utility Companies

Over the past two years, multiple disruptions to supply chains have affected operations across most industries. And the electric power sector is no exception. When lead time for new transformer goes from three months to a year, and a bucket truck now takes twice as long to acquire — two years versus one — it's not business as usual. Equipment shortages have become a challenge for public power providers all over the country. The sector was grappling with numerous challenges within its supply chain networks even before recent disruptions driven by the pandemic and the Russian invasion of Ukraine. Yvette Cardiel-Perez (Director of Commodities Procurement & Process Improvement) will describe how she and her team met these challenges, mitigated their affect on CPS customers and implemented preventative actions reducing supply chain disruptions in this extremely important industry.

Carlberg, Douglas F.

Session Working Title: Keynote (Lunch) Thursday April 4, 12:30pm to 1:30pm

How Leadership Can Build a Dream Team

The major challenges that face deploying lean strategies is whether the implantation will be sustained. Mr. Carlberg's presentation discusses leadership behavioral levels that can help sustain lean organization performance. Leaders that successfully understand these principles can take their organization to new performance levels by engaging their employee teams.

Castelo, Esther

Session Working Title: Keynote(Lunch) Friday April 5, 12:30pm to 1:30pm

H-E-B The Evolution of Grocery Retail: From “Start Up” to “Big Business”

H-E-B has a rich history of evolving to meet the needs of our Customers and Communities and the last decade has been no exception.

Convenience has always been a focus; but busy Mom’s, evolving families, a pandemic, and a changing workforce has changed the retail landscape in a way that all retailers are working to figure out.

In 2015; H-E-B started in the eCommerce business by selling cakes online as a test, started the first “curbside pick-up” program in one Houston store, and is now a multi-billion-dollar eCommerce business.

We have moved from “start-up” in 2015 to a full scale growth business for H-E-B and the story on how we did it, has been the greatest ride of my 30 year H-E-B career.....

Cox, William

Session Working Title: Thursday April 4, 1:45pm to 2:45pm

Industrial Internet of Things & Industry 4.0

We’re at the sunset of IND 3.0 and only the dawn of IND 4.0. If you think major technical innovation only involves BIG industry, think again. It’s critical that every small business starts adapting to the new and rapidly changing world of cyber physical systems.

Dailey, Leslie

Session Working Title: Thursday April 4, 9:45am to 10:45pm

Topic: AI & Vendor Contracts: What You Need to Consider and Understanding the Risks

Artificial Intelligence (AI) and Machine Learning (M/L) has been in the headlines as a disruptive force and is being considered the next industrial revolution turning point that will shape the business world and how businesses will adopt this technology into their practices. Many studies and articles are showing that half of business owners are already using AI or in the planning stages to use AI in the near future, so what does this mean for your organization and contracting for AI services and understanding the risks?

In this session we will discuss:

- 3 C's to consider before deploying AI: Contracts, Compliance and Culture
- Considerations for reducing risk in AI vendor contracts
- What about non-AI, technology contract: AI disclosure closes?
- 5 problems w/ contracts for generative ai & other machine learning
- Litigation

Garcia, Patrick

Session Working Title: Thursday April 4, 3:00pm to 4:00pm

Division Laundry

Division Laundry is the largest minority and family owned commercial laundry in the state of Texas. It started as a one man operation in 1939, laundering uniforms for troops from the 2nd Infantry Division out of Fort Sam Houston. Division Laundry employs over 350 employees, has a fleet of tractor trailers and has operations in Houston and Dallas. In June 2001 the plant was destroyed by fire. Patrick Garcia, CEO/President will tell the story of how his company managed to stay alive and thrive during that time and resurrect itself to the successful operation we see today. Patrick will also describe how his team has earned Operational and Environmental awards as a result of their innovation and responsible practices for conserving water.

Gunn, Joel

Session Working Title: Keynote (Breakfast) Thursday April 4, 8:30am to 9:30am

Can AI Make Your Team More Productive Today?

Guest speaker, Joel Gunn, will answer critical questions as your company explores the possibilities of AI. Come away with insights into:

- How should you leverage AI to help your employees be more productive and efficient in their roles?
- AI is here to stay, what is our responsibility in it?
- Where is AI already being abused and how do I protect my organization?
- Is the fear real -- will AI take jobs?
- Should our company invest and engage in AI?
- How do I help my employees embrace the future?

Businesses today are turning to artificial intelligence (AI) to help streamline operations and boost productivity. If you're unsure of AI's risks and rewards, join us for this timely discussion.

Hernandez Yadira, Nancy

Session Working Title: Thursday April 4, 1:45pm to 2:45pm

Factory Transformation in a Post Covid World

In the wake of the COVID-19 pandemic and persistent supply chain constraints, Nancy Hernandez led a remarkable transformation at the Johnson Controls HVAC Chiller Plant in San Antonio, Texas. This project not only created over 71 new jobs but also effectively curbed the continuously growing backlog and prevented the loss of upcoming orders. Surprisingly, the Johnson Controls HVAC Chiller Plant in San Antonio had not initiated any expansion projects in over a decade. Hernandez's leadership not only addressed immediate challenges but also fostered a renewed awareness and sense of urgency within the plant to continue growing in order to meet escalating customer demand. This presentation abstract explores Hernandez's innovative strategies, agile decision-making, and unwavering commitment to operational excellence, providing valuable insights into crisis management, supply chain optimization, and workforce development. Hernandez's successful manufacturing transformation story serves as an example for leaders navigating challenging circumstances, demonstrating the potential to drive growth and resilience even in challenging circumstances.

Johnson, Martin & Cooper, Andrew

Session Working Title: Thursday April 4, 3:00pm to 4:00pm

Building Tomorrow's Supply Chain: The Additive Advantage

- The role of Additive Manufacturing (AM) in Supply Chain Management
- Stages of Additive Manufacturing Maturity (Where are You?)
- Supply Chain Examples
 - Medical - Hemoglobin Centrifuge & Tube Holders – When Injection Molds Fail
 - Data Center – Cases & Plates - Low volume | High Mix – Cost Comparison
 - Telemetry – Sub-Assembly Grommets – Production Lines Down
 - Fleet tracking – Product Assembly - Simplifying Design
 - Test & Measurement - Automotive Sensor Tester - New Product Speed to Market
- Make or Buy Considerations
 - How to Compare Options
 - Bureaus vs. Partners
- Building an Additive Manufacturing Organization
 - Shift Left
 - People & Skills
 - Tips and Traps

Kanniganti, Ravi

Session Working Title: Thursday April 4, 11:00am to 12:00pm

Nearshoring and Applying Total Cost of Ownership (TCO) & Total Value

Nearshoring offers benefits such as proximity, cultural alignment, and reduced logistical challenges. This concept is gaining traction especially after Covid. However, in today's sourcing world, decisions are primarily made based on first cost. Successful nearshoring strategy requires a thorough understanding of Total Cost of Ownership (TCO), encompassing factors like transportation, tariffs, taxes, markdowns, and cost of lead time. This talk underscores the importance of holistic TCO assessment in optimizing efficiency, mitigating risks, and maximizing cost savings. It advocates for cross-functional collaboration within organizations to accurately evaluate the total cost implications of nearshoring decisions, facilitating informed and strategic choices for sustainable business growth. A simplified TCO calculator will be used to demonstrate the concepts. This calculator is based on "Valuing Lead Time" research paper published by Prof. Suzanne de Treville.

Key Takeaways: Total Cost of Ownership drivers, Importance of cross-functional collaboration, duty engineering, Cost of Lead time and discussion on real-world examples and links to TCO calculator from reshorennow.org

Loughrin, Mike (Moderator), Garcia, Patrick, Winans, Chris

Session Working Title: Thursday April 4, 1:45pm to 2:45pm

Leveraging Digital Transformation for Crafting a Sustainable Organization

This panel discussion will feature distinguished experts sharing their expertise with digital transformations. They will take questions from the moderator and the audience to explore how a digital transformation aligns with the goal of crafting a sustainable organization. The moderator will be Mike Loughrin, CEO of Transformance Advisors, who has helped organizations such as Warner Bros., Levi Strauss, Lexmark, and Cabela's leverage digital techniques to enhance their performance and sustainability. This will be an exciting and valuable discussion which you do not want to miss.

Nemer, Chuck

Session Working Title: Thursday April 4, 9:45am to 10:45am

Transforming the Supply Chain

We're going to dive right in and take you through the steps of preparing for your supply chain future and the major steps you need to take to get your supply chain where it needs to be.

I could give you all the reasons why you need to transform your supply chain but we all know our future involves increased volatility, velocity, and variability as well as increased use of digital techniques and tools.

A couple of numbers for you to calculate and consider before you join our session too.

- 1) We lose 43% of our labor dollars, direct and indirect, because folks aren't always performing their work in a way that is aligned with and supportive of the company strategy.
- 2) We lose a 2.29% increase in ROI by not having formal and ongoing training programs for employees

So do the math before you come to the presentation and learn the map and path for transforming your supply chain.

You'll walk away with a plan

Rebholz, Heather

Session Working Title: Keynote(Breakfast) Friday April 5, 8:30am to 9:30am

Digital Supply Chain: A Journey, Not a Destination

Most businesses do not have the resources or capital available for a radical digital transformation. What steps can be taken to apply digital technology where it can drive the most value in an incremental, progressive manner? What are some of the major components of a digital supply chain and how can they work together as building blocks and bridges?

Learn how to take a pragmatic approach to the deployment of various technologies which fall under the banner of "Digital," specifically for Supply Chain processes. This session will look at the foundational requirements and the possible failure modes of the digital journey. Attendees should take away useful guidance or inspiration for their journey regardless of the size, the type of industry they represent or their "Digital Maturity."

Rief, Joe

Session Working Title: Friday April 5, 9:45am to 10:45am

Embracing Change as a Leader

Change can be a scary thing in many organizations. When changes come your way, how do you help your team embrace those changes. This presentation will talk about how you can make yourself more nimble to change and how you can coach your team through changes.

Rogers, Carol & Hughes, Ashley

Session Working Title: Friday April 5, 11:00am to 12:00pm

Supplier Performance Review Evolution

How often are you experiencing challenges with suppliers? Do you often wonder what criteria or how often you should grade suppliers on their performance? What role does metrics play in your scorecards and what metrics should you consider? Should your supplier scorecard have input outside the supply chain department? Over the course of the last 7 years, James Avery has been evolving their method for evaluating and providing feedback to their supply base. This evolution has resulted in a 3% increase in on time delivery attainment while also supporting a 21% increase in requirements. They will share with you what they learned and provide some simple steps you can implement in your Supplier Performance process.

Sagpariya, Parth

Session Working Title: Friday April 5, 9:45am to 10:45am

Robotics; what, why, where, and when

Robotics is the design, construction, and operation of machines that can perform programmed tasks without additional human involvement. The field of robotics aims to create intelligent machines that can assist humans in various ways. Robotics has a wide range of applications in various industries, including manufacturing, and logistics. This discussion will focus on defining what a robot is, the different types that exist in manufacturing and logistics and how they can be used.

Tarver, Pat

Session Working Title: Friday April 5, 11:00am to 12:00pm

2024 Top Ten Supply Chain Trends

The ground continues to shift beneath the feet of supply chain professionals. In an era of constant disruption, rapid digitization and growing consumer demands, the old ways of managing networks are nowhere near enough. Supply chain leaders must have a clear understanding of the disruptive and unavoidable trends and technologies that will impact their performance.

That's where the ASCM Supply Chain Trends for 2024 come in. This carefully prepared list from ASCM's Innovation and Strategy Sensing Subcommittee unveils the key forces shaping the future of supply chains. From harnessing the power of data and AI to building agile and resilient networks, the trends outlined in this presentation are not just predictions, but imperatives for supply chain success in 2024 and beyond. Session attendees will learn what the top ten trends are in 2024 and provide some insight on how to be competitive in the coming years.