

# IMC Central PA Lean Roundtable Call - Williamsport Group

written by Lauri Moon | April 9, 2020

IMC would like to touch base with our “Continuous Improvement Community”, those who have been thru IMC’s lean training programs.

We would like to hear from you and discuss a little about:

- The Current Condition
- The Role of Continuous Improvement Advocates
- Possible Paths for Future Improvement Training and Support from IMC

[Register](#)

Once registered, you will receive login information for the conference call.

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## Leveraging Analytics to Survive Manufacturing’s Current Economic Crisis

written by Lauri Moon | April 9, 2020

Has your business productivity stalled due to economic conditions, pressuring you with questions about how to drive additional value? Are you struggling to access and analyze your production data to drive valuable insights for competition in the modern manufacturing environment?

Manufacturers have been dealing with heavy margin pressures and constantly looking at ways to reduce the overall cost and improve operations. To survive,

manufacturers are continuing their push towards smart manufacturing through Industry 4.0 The secret weapon is the power of analytics, and we will show you the keys to unlocking it.

In this webinar, you will learn:

- The key analytic use cases manufacturers are embracing to drive productivity
- The impact the emerging technology disruption such as IoT and AI in edge and cloud.
- Why strategically analytic solutions are primed to meet the market demands integrating with advanced AI and ERP Cloud suite
- How these solutions can derive insights from the integrated product, process and equipment data, generate new business models and help in driving smart and intelligent ERP

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**Closing the Skills Gap: 10 Practical and Innovative Tips to Grow, Attract**

# and Keep the Best Talent

written by Lauri Moon | April 9, 2020

When you think of advanced manufacturing, you think of technology and smart machines. However, the key ingredient of advanced manufacturing is people, and manufacturing desperately needs more of them.

A recent MAGNET survey found that a critical shortage of skilled workers is the primary impediment to growth for manufacturing companies. Skilled workers are going to become even more in demand as America's manufacturing industry is projected to have 2.4 million unfilled positions over the next eight years.

What is a growth-focused manufacturer to do?

In order to compete globally (and win), you need the right people, with the right skills, in the right jobs. Join us to discover practical and innovative ways to help your company close the talent gap and start building your workforce of tomorrow, today.

This webinar will cover:

- How to be as innovative with recruiting as you are with your products and services.
- Smashing stereotypes to help attract next generation talent.
- How Innovation and Industry 4.0 can help attract talent.
- Recruiting diverse workers and building new on-ramps for overlooked talent.
- Leveraging industry, education and community partnerships to solve talent problems together.
- Creating successful German-style apprenticeship programs to attract students early to a manufacturing career.
- How to grow your own talent and stay ahead of the rapidly decreasing half-life of knowledge.
- Building people-first workplace cultures.

## **Speaker**

**Dr. Ethan Karp, President and CEO, MAGNET**

As President and CEO of MAGNET, Ethan Karp brings his wide range of experiences to drive economic prosperity in Northeast Ohio through innovation and invention. Prior to focusing on building the future of Ohio from its strength in manufacturing with MAGNET in 2013, Ethan advised Fortune 500 companies to innovate and grow with global consulting firm McKinsey in Cleveland. Ethan is a trained scientist who spent many years trying to uncover how the brain works while attaining a Ph.D. in Chemical Biology from Harvard and undergraduate degrees in physics and biochemistry from Miami University. Ethan volunteers as the Board Chair of the Cleveland/Cuyahoga Workforce Development Board, Cleveland Leadership Center, Midtown Cleveland, and the Jewish Education Center of Cleveland.

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# **Using Emerging Technologies to Transform Your Business**

written by Lauri Moon | April 9, 2020

In today's market, industries are changing and business models are evolving faster than anyone could have imagined.

Data is driving a new revolution and we are in the midst of a truly transformative period of time. From smart connected products to predictive and prescriptive analytics, the ideas of yesterday are quickly becoming the reality of today. As companies continue to innovate and disrupt industries, one thing is for certain: there will be companies disrupted by this change. Now is the time for you to harness the power of emerging technologies to become a disruptor in your space and redefine your industry.

Join our webinar and learn:

- What emerging technologies really mean for your business and why it's important to embrace it
- Current market trends for AI and ML, edge vs. cloud and business transformation, and where the landscape is headed
- Real-world examples of how businesses are leveraging emerging technologies to gain a competitive edge
- Best practices and considerations for getting started on the right track

## **Speaker**



### **Jonathan Weiss, Vice President - Emerging Technologies, Software AG**

Jon is an innovation and technology thought leader with extensive experience in leading customer engagements, explaining technical topics in an easy-to-digest fashion and understanding not just technical architecture, but also the strategy behind implementing effective solutions. He has proven skills in team leadership, technical management, IoT/IIoT and software sales.

Jon has spent the last decade working with some of the world's largest companies, such as: P&G, GE, Pfizer, PepsiCo, Intel, HPE, Foxconn and many others seeking to undergo digital transformations in their manufacturing facilities, supply chain initiatives and enterprise applications. He has a very successful track record in

leading teams throughout the entire SDLC process, from pre-sales engagements to global roll-outs for hundreds of factories in AJP, EMEA and the Americas.

Jon prides himself on being a trusted advisor for his customers, responsible for leading technical workouts, managing technical teams, assessing technical and business needs, and delivering market leading solutions that provide quality and value beyond the customer's expectations.

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# Learn How PLM Solutions Can Boost Innovation and Strengthen Engineering and R&D Teams

written by Lauri Moon | April 9, 2020

To stay competitive, engineering and R&D teams need to find ways to bring exciting new products to market faster, with higher quality and less cost. To do so, manufacturing leaders seek to create environments where top engineering talent can thrive. So, what are leaders investing in to meet these challenges and create that environment?

In this webinar, we will reveal the key insights gained through research into the engineering and design teams at some of the world's most successful manufacturers around the world. Survey result insights to be discussed include:

- How innovation leaders can break down silos and encourage collaboration

and innovation

- How advanced PLM solutions can help designers develop products for success through intelligent decision-making
- How better product lifecycle management can improve development efficiency and reduce time-to-market
- The most desirable Product Lifecycle Management solution features and benefits leaders are looking for.

If you want to be better informed about what investments will make the biggest difference for your engineering and R&D teams, don't miss this virtual roundtable discussion with speakers:

- Keith Zobott, Global Vice President of Digital Products & Projects, SAP
- Brent Robertson, Co-Founder Fathom, Author of research study

A detailed report will follow this session summarizing our survey's results behind the findings.

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**THE BEST RUN**



## Speakers



### **Keith Zobott, Global Vice President of Digital Products & Projects, SAP**

Keith Zobott's background includes over 30 years of experience with Product Lifecycle Management, parametric design, advanced analysis tools, product development technologies, and program management. Recent experience includes developing strategic plans for Enterprise Product Lifecycle Management (PLM) and other product development enabling technologies for multi-billion dollar global businesses.



## **Brent Robertson, Co-Founder Fathom**

Brent Robertson works with leaders to design futures worth fighting for. A partner at Fathom, he champions an approach to strategic planning, employee engagement, leadership succession and market differentiation that prioritizes people and relationships. As a result, his clients don't simply plan their futures, they bring them to life through the energy of organization-wide involvement in, and commitment to, generating valuable businesses that matter.

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# **Online Manufacturing Training: How to Select the Right Solution for Your Company**

written by Lauri Moon | April 9, 2020

How does training fit within the scope of your overall operational learning efforts? What is online manufacturing training? What courses do you require? Does the



learning management system (LMS) meet your needs?

In this webinar we'll highlight benefits of online manufacturing training for the organization, operations manager, and employees. Next, we'll discuss the research supporting the effectiveness of blended learning solutions and provide tips for using blended learning effectively and then cover some topics to include in your own manufacturing training programs. And, finally, we'll share some tips for beginning your search, including building up an internal search team and creating use cases, before listing specific criteria to use when evaluating courses, LMSs, and providers.

Get all the information you need to evaluate courses, software, and providers to find the perfect fit for your organization's manufacturing training needs.

You'll learn about:

- Training as part of operational & organization learning
- What online manufacturing training is
- Online courses & LMSs
- Blended learning research & techniques
- Common manufacturing training topics
- How to begin your search
- Criteria for courses, LMSs, and providers

## **Speaker**



## **Jeffrey Dalto, Instructional Designer, Vector Solutions**

Jeff Dalto is an instructional designer and L&D professional with more than 20 years of experience in learning and development, including more than 15 years working in the manufacturing and industrial space. He's an expert in adult learning and evidence-based training practices and has worked hand-in-hand with many manufacturing companies on the development or improvement of their training programs (including helping more than 50 different companies implement learning

management systems for online training).

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# **10 Biggest Myths of OSHA Inspections & Litigation**

written by Lauri Moon | April 9, 2020

You know safety and health requirements for your workplace. You know how to keep your employees safe. But do you know what happens when OSHA knocks and demands to investigate your workplace for alleged OSHA infractions? Do you know what OSHA can and can't do, what your rights are, and what happens if OSHA issues you citations? As safety professionals, you have probably heard a lot about OSHA inspections and the litigation process from colleagues, from newspapers, and maybe even from OSHA. But in this era of "fake news," is what you've heard true, or is it myth?

This webinar will explore the 10 biggest and most common myths surrounding the

OSHA investigation and litigation process so that if OSHA knocks, you know what to do.

## Speaker



## Travis Vance, Partner, Fisher Phillips

Travis Vance is a partner in the firm's Charlotte office. He has tried matters across several industries and various subject matters, including employment litigation, business disputes and matters prosecuted by the Mine Safety and Health Administration (MSHA) and Occupational Safety and Health Administration (OSHA). Travis has emerged as a thought leader in the field of workplace safety. His writing and interviews are followed closely by experts in the safety arena and have been featured in premiere publications such as *Business Insurance*, *EHS Today*, and the *Wall Street Journal*.

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# Strengthening Safety Culture: The Affective Approach

written by Lauri Moon | April 9, 2020

We know that rules and regulations along with policies and procedures are essential for running an efficient, productive, and safe organization. But, when was the last time a rule policy reminded someone that their child was waiting for them to get home? Or, when has a procedure brought to mind images of what it would be like to deliver devastating news to the spouse of someone injured on the job?

Research shows that policies alone are not enough to change behavior and transform a safety culture.

The affective approach uses feelings and emotion to engage people and remind your workforce WHY it is important to follow policies, procedures, rules and regulations. In this dynamic interview, Craig Sexton, Global Creative Director for DuPont Sustainable Solutions (DSS), will explain how you can use affective communication to help enhance safety communications, engage employees, and lead to safer behaviors. You'll learn about the key elements that leaders can utilize to authentically inspire and influence employees to take fewer risks and own their safety.

By better understanding human motivational factors and their impact on leadership and the decision-making process, you'll discover how you can reach employees' hearts and minds to change behavior and enrich safety culture.

## Speaker



## **Craig Sexton, Global Creative Director, DuPont Sustainable Solutions**

Craig Sexton is the Global Creative Director at DuPont Sustainable Solutions (DSS). He is an award-winning producer, director, and writer with a diverse 30-year background in film, television and the entertainment industry. Craig started his career as one of the founding partners of VPS Studios, there he produced and directed for such acts as Linda Ronstadt, Van Halen and the Michael Jackson Victory Tour. His career highlights at major studios include Lucasfilm, where he ran the Los Angeles division called The Droidworks during the Star War Trilogies. And again at New World Entertainment as Senior Vice President, where he was responsible for the released 25 motion pictures and 5 television series...that included "The Wonder Years", "Crime Story" and "Tour of Duty."

Additionally, Craig was a founding partner at Planet 3 Entertainment as Creative Director. Developing and directing NBC's "Must See TV" campaign, Fox Sport's Network Launch campaign, Fox's award winning PSA campaign "Violence Get Over It", and CBS's award winning fall campaign "Big February Nights". He's directed several TV docu-dramas for the Discovery Channel such as "The New Detectives" and "The FBI Files" as well as, the hit series "Big Shots" for The Speed Channel.

Craig's won numerous Telly and Addy Awards, as well as a lucky 13 International Promax Awards, including the International Gold Award for 'Best Image Campaign'. He has been acknowledged with three gold CINE awards for his work as a Creative Director with DuPont in the industrial - corporate categories.

Craig is a creative powerhouse, who is charged with bringing his talent to bear on redefining the look and feel of training in the learning and development space at DSS. His recent work has created breakthroughs in Instructor-Led Training with his method of affective learning images and communication by design.



## **Eric Worden, National Radio Talent and Recording Artist**

Eric Worden is a 45 year radio veteran as well as a national commercial voice talent for over 25 years. You may have heard his voice on TV commercials for Weather Tech, Stihl, Pillsbury, McDonalds, Cadillac, Shock Top, Arby's and several national political announcements.

Eric is an artist in his own right, creating GuitART from second-hand guitars he finds at local thrifts. He is also an award-winning songwriter of children's songs designed to elevate SOL scores through music, art, and the internet.

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# **How Industrial IoT Increases Overall Equipment Efficiency**

written by Lauri Moon | April 9, 2020

Pactiv is the world's largest manufacturer and distributor of food packaging and foodservice products. About a year ago, they identified some capacity constrained processes that were negatively impacting throughput and product quality. Pactiv

partnered with Deloitte and PTC to begin their digital manufacturing transformation — leveraging IoT technology to align their people and processes around real-time, actionable performance data.

Join us to hear **Christine Dehaven, Senior Director Digital Manufacturing, Pactiv**, discuss the success of Pactiv's Factory Asset Intelligence with **Rick Burke, Specialist Leader of Supply Chain and Manufacturing, Deloitte Consulting**, and **Howard Heppelmann, VP & GM of Connected Solutions, PTC**.

In this webinar, you will learn how Pactiv's Factory Asset Intelligence is bringing together people, processes, and technology to:

- Increase throughput of high-quality product
- Move from reactive to proactive maintenance
- Reduce downtime due to material flow failures
- Reduce equipment failures

## **Speakers**



### **Christine DeHaven, Senior Director Digital Manufacturing, Pactiv, LLC**

Christine DeHaven is the Sr. Director of Digital Manufacturing for Pactiv. She is responsible for guiding Pactiv's Factory Assent Intelligence/IoT initiative across the manufacturing platforms to optimize plant performance and support business growth opportunities. Prior to transitioning into her current role, Christine was the Plant Manager for Pactiv's pilot FAI site.



### **Rick Burke, Specialist Leader of Supply Chain and Manufacturing, Deloitte Consulting**

Rick helps guide customers through their Digital Supply Networks and Smart Factory journeys. He has over 25 years of experience in supply chain management primarily at the intersection of business, technology, and people. His experience includes working with companies in manufacturing industries to generate business value via technology enabled transformation programs spanning from the shop floor to the enterprise level and from product ideation through end of life.



### **Howard Heppelmann, VP & GM of Connected Solutions, PTC**

Howard Heppelmann is Vice President and General Manager of PTC's Connected Solutions business segment. In this role he is responsible for bringing to market solutions that harness today's most disruptive technologies into a continuous digital thread that enables industrial companies to improve operational efficiency, differentiate products and service offerings and transform business models.

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# Securing the Future of Digital Manufacturing - Cybersecurity Considerations in an Era of Industry 4.0

written by Lauri Moon | April 9, 2020

In today's connected world, manufacturers are embracing automation and the Internet of Things (IoT) or the Industrial Internet of Things (IIoT) for competitive advantage. The merging of the cyber and physical worlds means improved efficiency, but it also means exposing your critical manufacturing infrastructure to cyber risk. In fact, according to an independent ICS study, nearly 6 in 10 organizations using SCADA or ICS industrial control systems have experienced a breach in those systems in the past year.

From IP-related tasks such as research, design and prototyping through to connected processes such as production, distribution and delivery, legacy and modern manufacturing systems - once protected by an air gap - are now connected to the network. The need for end-to-end security is greater than ever.

Listen in to this lively discussion from a panel cybersecurity experts and thought leaders as they break down the top trends impacting today's manufacturers security strategy, including IT and OT convergence, connected intelligent manufacturing and workforce dynamics.

In light of Industry 4.0, we'll examine three key ingredients needed in your cybersecurity strategy - visibility, control, and situational awareness - and their impact on the future of digital manufacturing.

**Speakers**



**Richard K. Peters (Rick), CISO, Operational Technology North America, Fortinet**

Rick Peters brings the Fortinet OT-CI team more than 37 years of cybersecurity and global partnering experience working across foreign, domestic, and commercial industry sectors at the National Security Agency (NSA). As Fortinet’s Operational Technology North American CISO, he delivers cybersecurity defense solutions and insights for the OT/ICS/SCADA critical infrastructure environments. Prior to Fortinet, Rick led development of cyber capability across Endpoint, Infrastructure, and Industrial Control System technologies at the agency. Previously, Rick also served as an executive leader supporting the Information Assurance Directorate at the NSA. Earlier in his career, he served in a broad range of leadership and Engineering roles including Chief of Staff for the NSA Cyber Task Force and a 5-year forward liaison charged with directing integration of cyber and cryptologic solutions for U.S. Air Force Europe, Ramstein AFB, Germany.



**Don Rogers, Manufacturing Industry Practice Lead, World Wide Technology**

Don Rogers leads the Manufacturing Industry Practice for World Wide Technology (WWT). WWT is a global consulting and technology organization with revenues in excess of \$11B. WWT’s vision is to be the best technology integrator in the world, by engaging consultatively “from Idea to Outcome” and aligning technology solutions with the vision, mission, strategy and business needs of its customers. WWT’s Manufacturing Industry Practice is built “from industry, for industry” and is focused on making the “Digital Factory” and the “Industrial Internet of Things” a reality for manufacturers in various industry segments, including Food & Beverage, Automotive, Consumer Packaged Goods and Pharmaceuticals.



## **Enrique Martinez, Technical Solutions Architect, Industrial Control Systems Security, World Wide Technology**

Enrique Martinez is a Technical Solutions Architect for Industrial Control Systems Security at World Wide Technology (WWT). In his current role, he helps customers with the selection and implementation of security tools for their ICS/OT/IoT environments, as well as develop long term security strategy. Enrique has 20+ years of experience in the cybersecurity areas of vulnerability management, intrusion detection, security architecture, compliance, and critical infrastructure protection in the financial and utilities sector. He spent 10 years leading the development of cybersecurity programs for generation (nuclear and fossil), transmission, and distribution.



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